

## **EXHIBIT 2**

### **Pending Claims in Copending Applications**



PATENT  
Attorney Docket No. 05725.0816-01  
Customer No. 22,852

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re National Stage of International Application No. )  
PCT/IB01/02833, filed December 12, 2001, of: )

Veronique FERRARI et al. )

Application No.: 10/203,018 )

Filed: August 5, 2002 )

371(c) date: March 24, 2003 )

For: USE OF POLYAMIDE POLYMER IN A )  
MASCARA COMPOSITION COMPRISING )  
AT LEAST ONE INERT FILLER (AS )  
AMENDED) )

Group Art Unit: 1615

Examiner: Unassigned

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**PRELIMINARY AMENDMENT**

Prior to examination of the above-identified application, please amend the application as follows.

**Amendments to the Specification** are included in this paper.

**Amendments to the Claims** are reflected in the listing of claims in this paper.

**Remarks** follow the amendment section of this paper at page 8.

**Attachments** to this amendment include:

**Exhibit 1 -** International Cosmetic Ingredient Dictionary and Handbook ("CTFA") page 606

**Exhibit 2 -** Pending Claims in Copending Applications

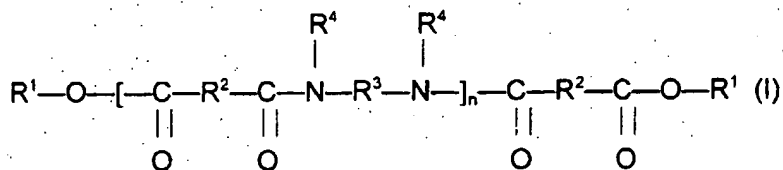
**AMENDMENT TO THE SPECIFICATION**

Please replace the title with the following:

**"USE OF POLYAMIDE POLYMER IN A MASCARA COMPOSITION  
COMPRISING AT LEAST ONE POLYMER CONTAINING HETERO-ATOMS AND AT  
LEAST ONE INERT FILLER AND METHODS OF USE"**

Please amend the Abstract as follows:

A physiologically acceptable, in particular mascara,  
cosmetic composition ~~containing~~ comprising at least one liquid fatty phase which  
~~comprises~~ at least one structuring polymer, such as a structuring polymer, chosen from  
polymers of following formula (I):



in which n denotes a number of amide units, such that the number of ester groups  
represents from 10% to 50% of the total number of ester and amide groups; R<sup>1</sup> is, in  
each case, independently an alkyl or alkenyl group having at least 4 carbon atoms; R<sup>2</sup>  
independently represents, in each case, a C<sub>4</sub> to C<sub>42</sub> hydrocarbonaceous group,  
provided that 50% of the R<sup>2</sup> groups represent a C<sub>30</sub> to C<sub>42</sub> hydrocarbonaceous group;  
R<sup>3</sup> independently represents, in each case, an organic group provided with at least 2

carbon atoms, with hydrogen atoms and optionally with one or more oxygen or nitrogen atoms; and  $R^4$  independently represents, in each case, a hydrogen atom, a  $C_1$  to  $C_{10}$  alkyl group or a direct bond to  $R^3$  or another  $R^4$ , so that the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined by  $R^4-N-R^3$ , with at least 50% of the  $R^4$  groups representing a hydrogen atom and at least one inert filler.

~~Said polymer is in particular a polyamide. This composition is more specifically an anhydrous lip composition or an anhydrous foundation.~~



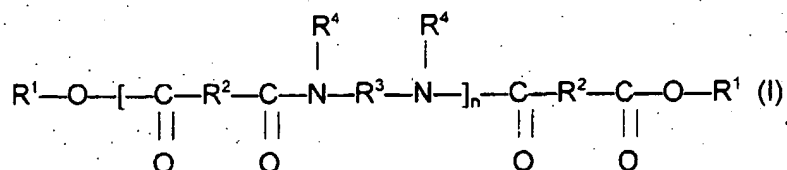
**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions and listings of claims in the application:

Claims 1-113. (Canceled)

114. (New) A method of making-up eyelashes comprising applying to said eyelashes a mascara composition comprising:

- (i) at least one inert filler;
- (ii) at least one polymer chosen from polymers of following formula (I):



in which n denotes a number of amide units, such that the number of ester groups represents from 10% to 50% of the total number of ester and amide groups; R<sup>1</sup> is, in each case, independently an alkyl or alkenyl group having at least 4 carbon atoms; R<sup>2</sup> independently represents, in each case, a C<sub>4</sub> to C<sub>42</sub> hydrocarbonaceous group, provided that 50% of the R<sup>2</sup> groups represent a C<sub>30</sub> to C<sub>42</sub> hydrocarbonaceous group; R<sup>3</sup> independently represents, in each case, an organic group provided with at least 2 carbon atoms, with hydrogen atoms and optionally with one or more oxygen or nitrogen

atoms; and  $R^4$  independently represents, in each case, a hydrogen atom, a  $C_1$  to  $C_{10}$  alkyl group or a direct bond to  $R^3$  or another  $R^4$ , so that the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined by  $R^4-N-R^3$ , with at least 50% of the  $R^4$  groups representing a hydrogen atom;

- (iii) water;
- (iv) at least one coloring agent; and
- (v) at least one preservative.

115. (New) The method of making up eyelashes according to claim 114, wherein the at least one inert filler is chosen from at least one of kaolin and PTFE.

116. (New) The method of making up eyelashes according to claim 114, wherein the mascara composition further comprises silica.

117. (New) The method of making up eyelashes according to claim 114, further comprising at least one volatile solvent.

118. (New) The method of making up eyelashes according to claim 117, wherein said at least one volatile solvent is chosen from isododecane.

119. (New) The method of making up eyelashes according to claim 114, further comprising at least one neutralizing agent.

120. (New) The method of making up eyelashes according to claim 114, further comprising at least one vinylpyrrolidone polymer.

121. (New) The method of making up eyelashes according to claim 114, further comprising a liquid fatty phase structured by said at least one polymer.

122. (New) A method of making up eyelashes comprising applying to said eyelashes a mascara composition comprising:

- (i) at least one inert filler;
- (ii) at least one polymer chosen from ethylenediamine/stearyl dimer tallate copolymer;
- (iii) water;
- (iv) at least one coloring agent; and
- (iii) at least one preservative.

123. (New) The method of making up eyelashes according to claim 122, wherein the at least one inert filler is chosen from at least one of kaolin and PTFE

124. (New) The method of making up eyelashes according to claim 122, wherein the mascara composition further comprises silica.

125. (New) The method of making up eyelashes according to claim 122, further comprising at least one volatile solvent.

126. (New) The method of making up eyelashes according to claim 125, wherein said at least one volatile solvent is chosen from isododecane.

127. (New) The method of making up eyelashes according to claim 122, further comprising at least one neutralizing agent.

128. (New) The method of making up eyelashes according to claim 122, further comprising at least one vinylpyrrolidone polymer.

129. (New) The method of making up eyelashes according to claim 122, further comprising a liquid fatty phase structured by said at least one polymer.

**Remarks**

**I. Status of the Claims**

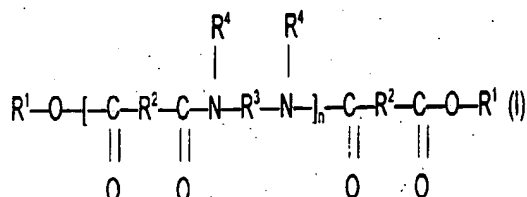
Claims 1-113 are canceled herein without prejudice. Claims 114-129 have been added and are the only pending claims.

Support for new claims 114-129 can be found in the application as originally filed. For the Examiner's convenience, Applicants point out in the following Table 1, the specific written description support in the specification for the elements of claims 114-129.

**Table 1.**

<b><u>Element</u></b>	<b><u>Support in Specification</u></b>
A method for making up eyelashes	See page 5, first full paragraph disclosing compositions useful for making-up keratinous fibers which include eyelashes. In the final paragraph on page 5, mascara is specifically disclosed. It is known that mascara is applied to eyelashes. See also the paragraph bridging pages 35 and 36 which includes a "method of making up . . . keratinous fibers," and the paragraph bridging pages 39 and 40. It is known that eyelashes are keratinous fibers.
At least one inert filler	See pages 17-19 under the heading "inert filler."
Polytetrafluoroethylene (PTFE)	See page 18, second full paragraph.
Kaolin	See page 18, third full paragraph.
Silica	See page 18, third full paragraph.

At least one polymer chosen from polymers of following formula (I):



in which n denotes a number of amide units, such that the number of ester groups represents from 10% to 50% of the total number of ester and amide groups; R<sup>1</sup> is, in each case, independently an alkyl or alkenyl group having at least 4 carbon atoms; R<sup>2</sup> independently represents, in each case, a C<sub>4</sub> to C<sub>42</sub> hydrocarbonaceous group, provided that 50% of the R<sup>2</sup> groups represent a C<sub>30</sub> to C<sub>42</sub> hydrocarbonaceous group; R<sup>3</sup> independently represents, in each case, an organic group provided with at least 2 carbon atoms, with hydrogen atoms and optionally with one or more oxygen or nitrogen atoms; and R<sup>4</sup> independently represents, in each case, a hydrogen atom, a C<sub>1</sub> to C<sub>10</sub> alkyl group or a direct bond to R<sup>3</sup> or another R<sup>4</sup>, so that the nitrogen atom to which both R<sup>3</sup> and R<sup>4</sup> are bonded forms part of a heterocyclic structure defined by R<sup>4</sup>-N-R<sup>3</sup>, with at least 50% of the R<sup>4</sup> groups representing a hydrogen atom

See page 12, beginning at line 5.

Water

See the paragraph bridging pages 6 and 7, which recites that the inventive compositions may be in the form of an emulsion, such as a single emulsion (such as an oil-in-water or water-in-oil emulsion) or a multiple emulsion (such as an oil-in-water-in-oil emulsion). See also the paragraph bridging pages 25 and 26, which describes that

	the inventive composition may be in the form of a simple emulsion which comprises a continuous phase chosen from an aqueous phase.
At least one coloring agent	See Page 26, first full paragraph, as well as pages 27 and 28 under the heading "Coloring agents."
At least one preservative	See page 26, first full paragraph reciting that the inventive compositions may further comprise any additional additive, such as preserving agents.
Ethylenediamine/stearyl dimer tallate copolymer	See page 14, first full paragraph, reciting Uniclear polymers and that Uniclear polymers are "mixtures of copolymers derived from monomers of (i) C <sub>36</sub> diacids and (ii) ethylenediamine." See also <u>International Cosmetic Ingredient Dictionary and Handbook</u> ("CTFA") page 606 (attached herewith as Exhibit 1), reciting that ethylenediamine/stearyl dimer tallate copolymer is at least one copolymer of ethylenediamine and tall oil dimer acid monomers, end-blocked with stearyl alcohol and further reciting that a trade name for ethylenediamine/stearyl dimer tallate copolymer is Uniclear. Thus, the specification reasonably conveys the use of at least one ethylenediamine/stearyl dimer tallate copolymer to make a mascara and the use for making-up eyelashes of a mascara comprising at least one ethylenediamine/stearyl dimer tallate copolymer.
At least one volatile solvent	See page 24, first full paragraph and the paragraph bridging pages

	24 and 25 which disclose that the composition may contain at least one volatile solvent.
Isododecane	See page 25, second full paragraph particularly mentioning the use of isododecane as a volatile solvent.
At least one neutralizing agent	See page 26, first full paragraph reciting that the inventive compositions may further comprise neutralizing agents.
Vinylpyrrolidone polymer	See page 29, first full paragraph disclosing that the inventive compositions may comprise vinylpyrrolidone copolymers. This reasonably conveys to the skilled artisan vinylpyrrolidone polymers including, for example, PVP.
A liquid fatty phase structured by at least one polymer	See page 1, first paragraph.

Notably, while the claims as originally filed included a proviso indicating that the at least one inert filler is not acrylates copolymer, silica, talc or a bentonite clay, that proviso, although applying to the broad "composition" claims, was not intended to apply to the various embodiments, unless so specified. In this regard the Examiner's attention is directed to pages 33-41 of the instant specification which describe various embodiments of the invention. As can be seen from, for example, the second embodiment described on page 33 and the first embodiment described on page 35, the scope of the proviso is different depending upon the embodiment. In the embodiment on page 33, the proviso includes acrylates copolymer and stearylalkonium hectorite, while the embodiment on page 35 provisos out acrylates copolymer, silica, talc and bentonite clay. Further, see, for example, the first embodiment on page 33 and the first



embodiment on page 34, both of which relate to make-up for keratinous fibers or mascara and contain no proviso limiting the scope of inert filler. Thus, Applicants position is that the specification reasonably conveys that the full scope of inert fillers as defined in the present specification would be appropriate for use in the embodiments presently claimed.

Applicants have by the inclusion of claims 116 and 124 specifically addressed that silica may be present in a mascara composition within the scope of the present invention. As discussed above, Applicants believe that those claims are not subject to any of the provisos as set forth in the specification.

For at least these reasons, it is believed that the claims presented are consistent with the written description requirement of 35 U.S.C. § 112, first paragraph.

The Title and Abstract have been amended to more accurately describe the presently claimed invention. Support for the new Title and Abstract can be found throughout the application as originally filed, and as discussed above. Accordingly, no new matter has been added.

**II. U.S. Patent Nos. 5,783,657 to Pavlin et al, 6,242,509 to Berger et al. and Bush Boake Allen**

As referenced in the Information Disclosure Statement filed herewith, Applicants are aware of U.S. Patent Nos. 5,783,657 to Pavlin et al., 6,242,509 to Berger et al. and the Technical Services Bulletin of Bush Boake Allen. While these references are prior work of the supplier of one of the polyamide polymers for use in the present invention,

Applicants do not believe that any of these references, taken alone or in combination, teaches or suggests the invention as presently claimed.

**III. U.S. Patent No. 6,497,861 to Wang et al.**

As referenced in the Information Disclosure Statement filed herewith, Applicants are aware of U.S. Patent No. 6,497,861 to Wang et al. ("Wang"), filed on June 21, 2001. However, Applicants do not believe that this patent is prior art with respect to the present application. In this regard, Applicants point out that the instant application is an entry into the national phase of PCT Application WO 02/47625, which has an international filing date of December 12, 2001 and a priority claim to PCT/IB00/02000 dated December 12, 2000. For the Examiner's convenience, Applicants point out in the following Table 2, the specific written description support from the priority document, PCT/IB00/02000 filed December 12, 2000, for the elements of claims 114-129.

**Table 2.**

<b>Element</b>	<b>Support in Specification</b>
A method for making up eyelashes	See page 6, beginning at line 7 disclosing methods for making-up keratinous fibers which include eyelashes. On page 7 at line 8, mascara is specifically disclosed. It is known that mascara is applied to eyelashes. See also the first full paragraph on page 39 which includes a "method of making up . . . keratinous fibers." It is known that eyelashes are keratinous fibers.
At least one inert filler	See pages 22-24 under the heading "inert filler."

Polytetrafluoroethylene (PTFE)	See page 22, line 30.
Kaolin	See page 23, line 10.
Silica	See page 23, line 9.
At least one polymer chosen from polymers of following formula (I):  $  \begin{array}{c}  \text{R}^1\text{-O}-\left[ \text{C}-\text{R}^2-\text{C}-\text{N}-\text{R}^3-\text{N} \right]_n-\text{C}-\text{R}^2-\text{C}-\text{O}-\text{R}^1 \quad (\text{I}) \\  \begin{array}{ccccccc}  & & & \text{R}^4 & & \text{R}^4 & \\  & & &   & &   & \\  & & & \text{O} & & \text{O} & \\  & & &    & &    & \\  & & & \text{O} & & \text{O} &   \end{array}  \end{array}  $ <p>in which n denotes a number of amide units, such that the number of ester groups represents from 10% to 50% of the total number of ester and amide groups; R<sup>1</sup> is, in each case, independently an alkyl or alkenyl group having at least 4 carbon atoms; R<sup>2</sup> independently represents, in each case, a C<sub>4</sub> to C<sub>42</sub> hydrocarbonaceous group, provided that 50% of the R<sup>2</sup> groups represent a C<sub>30</sub> to C<sub>42</sub> hydrocarbonaceous group; R<sup>3</sup> independently represents, in each case, an organic group provided with at least 2 carbon atoms, with hydrogen atoms and optionally with one or more oxygen or nitrogen atoms; and R<sup>4</sup> independently represents, in each case, a hydrogen atom, a C<sub>1</sub> to C<sub>10</sub> alkyl group or a direct bond to R<sup>3</sup> or another R<sup>4</sup>, so that the nitrogen atom to which both R<sup>3</sup> and R<sup>4</sup> are bonded forms part of a heterocyclic structure defined by R<sup>4</sup>-N-R<sup>3</sup>, with at least 50% of the R<sup>4</sup> groups representing a hydrogen atom</p>	See pages 14 and 15, beginning at line 19.
Water	See the first full paragraph on page 8 of the specification which recite that the inventive compositions may be in the form of an emulsion, such as a simple emulsion (such as an oil-in-water or water-in-oil emulsion) or a multiple emulsion (such as an oil-

	in-water-in-oil emulsion). See also the first full paragraph on page 33 of the specification which describes that the inventive composition may contain water.
At least one coloring agent	See Pages 34 and 35 under the heading "Coloring agents."
At least one preservative	See page 33, line 1.
Ethylenediamine/stearyl dimer tallate copolymer	See page 17, beginning at line 7 of the specification reciting Uniclear and that Uniclear is "a blend of copolymer of a C <sub>36</sub> diacid condensed with ethylenediamine." See also <u>International Cosmetic Ingredient Dictionary and Handbook</u> ("CTFA") page 606 (attached herewith as Exhibit 1), reciting that ethylenediamine/stearyl dimer tallate copolymer is at least one copolymer of ethylenediamine and tall oil dimer acid monomers, end-blocked with stearyl alcohol and further reciting that a trade name for ethylenediamine/stearyl dimer tallate copolymer is Uniclear. Thus, the specification reasonably conveys the use of at least one ethylenediamine/stearyl dimer tallate copolymer to make a mascara and the use for making-up eyelashes of a mascara comprising at least one ethylenediamine/stearyl dimer tallate copolymer.
At least one volatile solvent	See the last full paragraph on page 30 of the specification which discloses that the composition may contain at least one volatile solvent.
Isododecane	See page 30, line 1, and page 31, line 28.

At least one neutralizing agent	See page 33, line 2.
Vinylpyrrolidone polymer	See page 36, line 16, disclosing that the inventive compositions may comprise Vinylpyrrolidone copolymers. This reasonably conveys to the skilled artisan vinylpyrrolidone polymers including, for example, PVP.
A liquid fatty phase structured by at least one polymer	See page 1, first paragraph.

As can be seen from Table 2, claims 114-129 have full 35 U.S.C. § 112, first paragraph, support in this international application priority application and hence are entitled to date benefit of the December 12, 2000, priority document. This antedates Wang.

Furthermore, Applicants do not believe that the claims presented herein define the same patentable invention as any of those of Wang. Hence, Applicants do not believe that there is any interfering subject matter between the present claims and those of Wang.

#### **IV. Patentability over Copending Applications and Patents Issued Therefrom Cited in Information Disclosure Statements**

For the Examiner's convenience, Applicants identify in Table 3 below all 36 of the related copending applications, including the instant application, as well as those listed on the PTO Forms 1449 filed on October 24, 2002 or filed herewith, including filing date, assignment, and inventor information. This should assist the Examiner in assessing any possible issues under statutory double patenting. The assignment information is included because it relates to issues of terminal disclaimer and potential 35 U.S.C. §§ 102(e)/103 issues discussed below.

**Table 3**

Attorney Docket No.	U.S. Patent Application No.	U.S. Filing Date/ 371 (c) Date	Inventors	Title	Assignment Recorded (Reel, Frame, Date)	Publication, Date
05725.0594-00000	09/733,899	December 12, 2000	Mohamed KANJI, Carl ORR, and Carlos O. PINZON	COSMETIC COMPOSITIONS CONTAINING AT LEAST ONE HETERO POLYMER AND AT LEAST ONE FILM-FORMING SILICONE RESIN AND METHODS OF USING	Reel 011723, Frame 0503, on April 20, 2001	U.S. Published Application No. US 2002/011477 3 A1 Dated: August 22, 2002
05725.0595-00000	09/733,900	December 12, 2000	Carlos O. PINZON and Paul THAU	COSMETIC COMPOSITIONS CONTAINING HETEROPOLYMERS AND OIL-SOLUBLE CATIONIC SURFACTANTS AND METHODS OF USING SAME	Reel 011639, Frame 0897, on March 23, 2001	U.S. Published Application No. US 2002/012278 1 A1 (Republished US 2003/008212 6A9 on May 1, 2003) Dated: September 5, 2002
05725.0656-00000	09/618,066	July 17, 2000	Véronique FERRARI and Pascal SIMON	COMPOSITIONS IN RIGID FORM STRUCTURED WITH A POLYMER	Reel 011057, Frame 0676, on September 11, 2000	N/A: Will not publish
05725.0656-01000	09/685,577	October 11, 2000	Véronique FERRARI and Pascal SIMON	COMPOSITIONS IN RIGID FORM STRUCTURED WITH A POLYMER	Reel 011455, Frame 0203, on January 22, 2001	N/A: Will not publish
05725.0659-00000	09/618,032, issued on June 11, 2002, as U.S. Patent No. 6,402,408	July 17, 2000	Véronique FERRARI	COMPOSITION CONTAINING A LIQUID FATTY PHASE GELLED WITH A POLYAMIDE CONTAINING ESTER END GROUPS	Reel 011057, Frame 0007, on September 12, 2000	U.S. Patent No. 6,402,408 Dated: June 11, 2002
05725.	09/685,578	October	Véronique	COMPOSITION	Reel 011549,	N/A: Will not

Attorney Docket No.	U.S. Patent Application No.	U.S. Filing Date/ 371 (c) Date	Inventors	Title	Assignment Recorded (Reel, Frame, Date)	Publication, Date
0659-01000		11, 2000	FERRARI	CONTAINING A LIQUID FATTY PHASE GELLED WITH A POLYAMIDE CONTAINING ESTER END GROUPS	Frame 0914, on February 20, 2001	publish
05725.0795-01000	10/182,830	August 2, 2002  371 (c) Date: January 21, 2003	Roberto CAVA-ZZUTI, Véronique FERRARI, Brian MATTOX, Carlos O. PINZON, and Paul THAU	USE OF POLYAMIDE POLYMER IN A MASCARA COMPOSITION COMPRISING AT LEAST ONE SOLID SUBSTANCE HAVING A MELTING POINT OF 45°C OR GREATER	Reel 014040, Frame 0345, on May 7, 2003	U.S. Published Application No. 2003/014783 7 A1 Dated: August 7, 2003
05725.0795-02000	Not yet assigned	February 27, 2004	Roberto CAVA-ZZUTI, Véronique FERRARI, Brian MATTOX, Carlos O. PINZON, and Paul THAU	METHOD OF MAKING A MASCARA COMPOSITION COMPRISING POLYAMIDE POLYMER AND AT LEAST ONE SOLID SUBSTANCE HAVING A MELTING POINT OF 45°C OR GREATER	Reel 014040, Frame 0345, on May 7, 2003	Not yet published
05725.0806-00000	09/733,896	December 12, 2000	Carlos O. PINZON and Paul THAU	COMPOSITIONS CONTAINING HETEROPOLYMERS AND OIL-SOLUBLE POLYMERS AND METHODS OF USING SAME	Reel 011765, Frame 0183, on April 26, 2001	U.S. Published Application No. US 2002/012003 6 A1 (Republished US 2003/012542 7 A9 on July 3, 2003) Dated: August 29,

Attorney Docket No.	U.S. Patent Application No.	U.S. Filing Date/ 371 (c) Date	Inventors	Title	Assignment Recorded (Reel, Frame, Date)	Publication, Date
						2002
05725.0808-00000	09/733,898	December 12, 2000	Carlos O. PINZON, Paul THAU, and Isabelle BARA	COMPOSITIONS CONTAINING HETEROPOLYMERS AND OIL-SOLUBLE ESTERS AND METHODS OF USING SAME	Reel 011654, Frame 0869, on April 2, 2001	U.S. Published Application No. US 2002/010731 4 A1 Dated: August 8, 2002
05725.0809-00000	09/733,897	December 12, 2000	Carlos O. PINZON and Paul THAU	COMPOSITIONS CONTAINING HETEROPOLYMERS AND METHODS OF USING SAME	Reel 011646, Frame 0966, on April 4, 2001	U.S. Published Application No. US 2002/011133 0 A1 Dated: August 15, 2002
05725.0816-01000	10/203,018	August 5, 2002  371 (c) Date: March 24, 2003	Véronique FERRARI, Richard KOLODZIEJ, Carlos O. PINZON, and Paul THAU	USE OF POLYAMIDE POLYMER IN A MASCARA COMPOSITION COMPRISING AT LEAST ONE INERT FILLER	Reel 014055, Frame 0428, on March 24, 2003	U.S. Published Application No. US 2003/016184 8 A1 Dated: August 28, 2003
05725.0816-02000	Not yet assigned	February 27, 2004	Véronique FERRARI, Richard KOLODZIEJ, Carlos O. PINZON, and Paul THAU	METHOD OF MAKING A MASCARA COMPOSITION COMPRISING A POLYAMIDE POLYMER AND AT LEAST ONE INERT FILLER	Reel 014055, Frame 0428, on March 24, 2003	Not yet published
05725.0817-01000	10/203,254	August 7, 2002  371 (c) Date: December 20, 2002	Véronique FERRARI, Carlos O. PINZON, and Paul THAU	COSMETIC COMPOSITIONS CONTAINING AT LEAST ONE HETEROPOLYMER AND AT LEAST ONE GELLING AGENT AND METHODS OF USING THE	Reel 013607, Frame 0258, on December 20, 2002	U.S. Published Application No. US 2003/018578 0 A1 Dated: October 2, 2003



Attorney Docket No.	U.S. Patent Application No.	U.S. Filing Date/ 371 (c) Date	Inventors	Title	Assignment Recorded (Reel, Frame, Date)	Publication, Date
				SAME		
05725.0819-01000	10/129,377	May 3, 2002  371 (c) Date: October 16, 2002	Véronique FERRARI	COMPOSITION STRUCTURED WITH A POLYMER CONTAINING A HETEROATOM AND AN ORGANOCELL-ATOR	Filed October 16, 2002. Not yet recorded.	Not yet published
05725.0832-00000	09/749,036	December 28, 2000	Véronique FERRARI and Véronique JACQUES	COMPOSITION COMPRISING AT LEAST ONE HETERO. POLYMER AND AT LEAST ONE PASTY FATTY SUBSTANCE AND METHODS FOR USE	Reel 011723, Frame 0518, on April 20, 2001	U.S. Published Application No. US 2001/003128 0 A1 Dated: October 18, 2001
05725.0895-00000	09/971,028	October 5, 2001	Mohamed KANJI	METHODS OF USE AND OF MAKING A MASCARA COMPRISING AT LEAST ONE COLORING AGENT AND AT LEAST ONE HETEROPOLYMER	Reel 012411, Frame 0820, on December 28, 2001	U.S. Published Application No. US 2003/008688 3 A1 Dated: May 8, 2003
05725.0895-01000	10/413,217	April 15, 2003	Mohamed KANJI	METHODS OF USE AND OF MAKING A MASCARA COMPRISING AT LEAST ONE COLORING AGENT AND AT LEAST ONE POLYAMIDE POLYMER CHOSEN FROM ETHYLENEDIAMINE/STEARYL DIMER TALLATE COPOLYMER	Reel 012411, Frame 0820, on December 28, 2001	U.S. Published Application No. US 2003/019861 3 A1 Dated: October 23, 2003
05725.	10/699,780	November	Sue FENG	METHODS OF	Reel 012411,	Not yet

Attorney Docket No.	U.S. Patent Application No.	U.S. Filing Date/ 371 (c) Date	Inventors	Title	Assignment Recorded (Reel, Frame, Date)	Publication, Date
0895-02000		4, 2003	and Mohamed KANJI	DISPERSING AT LEAST ONE COLORING AGENT USING AT LEAST ONE HETEROPOLYMER	Frame 0820, on December 28, 2001	published
05725.0896-00000	10/198,931	July 22, 2002	Mohamed KANJI	COMPOSITIONS COMPRISING AT LEAST ONE HETEROPOLYMER AND FIBERS, AND METHODS OF USING THE SAME	Reel 013410, Frame 0044, on October 21, 2002	U.S. Published Application No. US 2004/001362 5 A1 Dated: January 22, 2004
05725.0920-00000	09/899,909, issued on August 13, 2002 as U.S. Patent No. 6,432,391	July 9, 2001	Isabelle BARA	TRANSPARENT SCENTED SOLID COSMETIC COMPOSITION	Reel 012278, Frame 0077, on October 23, 2001	U.S. Patent No. 6,432,391 Dated: August 13, 2002
05725.0932-00000	09/937,314	September 24, 2001  371 (c) Date: December 6, 2001	Véronique FERRARI	A TRANSFER-FREE MASCARA COMPOSITION COMPRISING AT LEAST ONE VOLATILE SOLVENT AND AT LEAST ONE POLYMER	Reel 012476, Frame 0507, on January 17, 2002	Not yet published
05725.1003-00000	10/012,029	December 11, 2001	Nathalie COLLIN	COSMETIC COMPOSITION COMPRISING A POLYMER BLEND	Reel 013142, Frame 0645, on August 1, 2002	U.S. Published Application No. US 2003/001276 4 A1 Dated: January 16, 2003
05725.1004-00000	10/012,051	December 11, 2001	Nathalie COLLIN	USE OF AT LEAST ONE POLYAMIDE POLYMER IN A MASCARA FOR RAPIDLY	Reel 012847, Frame 0285, on April 30, 2002	U.S. Published Application No. US 2002/018903 0 A1

Attorney Docket No.	U.S. Patent Application No.	U.S. Filing Date/ 371 (c) Date	Inventors	Title	Assignment Recorded (Reel, Frame, Date)	Publication, Date
				INCREASING THE AMOUNT OF MAKE-UP DEPOSITED ON EYELASHES		Dated: December 19, 2002
05725.1005-00000	10/012,052	December 11, 2001	Nathalie COLLIN	COSMETIC COMPOSITION CONTAINING A WAX AND A POLYMER	Reel 012847, Frame 0264, on April 30, 2002	U.S. Published Application No. US 2002/016833 5 A1 Dated: November 14, 2002
05725.1018-00000	10/046,568	January 16, 2002	Xavier BLIN, Véronique FERRARI, and Frédéric AUGUSTE	NAIL POLISH COMPOSITION COMPRISING A POLYMER	Reel 013109, Frame 0731, on July 18, 2002	U.S. Published Application No. US 2002/019216 8 A1 Dated: December 19, 2002
05725.1020-00000	10/047,987	January 17, 2002	Véronique FERRARI	COSMETIC COMPOSITION COMPRISING A POLYMER AND A FLUORO OIL	Reel 012910, Frame 0028, on May 17, 2002	U.S. Published Application No. US 2002/017269 6 A1 Dated: November 21, 2002
05725.1187-00000	10/312,083	December 23, 2002  371 (c) Date: March 26, 2003	Patricia LEMANN	COSMETIC COMPOSITION COMPRISING AN EMULSION CONTAINING A LIQUID FATTY PHASE STRUCTURED WITH A POLYMER, AND AN ALKYLENE-OXIDE-CONTAINING EMULSION STABILIZER	Reel 014039, Frame 0976, on March 26, 2003	U.S. Published Application No. US 2003/016180 7 A1 Dated: August 28, 2003
05725.	10/450,108	June 11,	Nathalie	COSMETIC	Not yet	U.S.

Attorney Docket No.	U.S. Patent Application No.	U.S. Filing Date/ 371 (c) Date	Inventors	Title	Assignment Recorded (Reel, Frame, Date)	Publication Date
1198-00000		2003  371 (c) Date: June 11, 2003	COLLIN	COMPOSITION COMPRISING A POLYMER AND FIBERS	filed/recorded	Published Application No. US 2004/002863 6 A1 Dated: February 12, 2004
05725.1228-00000	10/466,166	July 14, 2003  371 (c) Date: January 20, 2004	Nathalie COLLIN	COSMETIC COMPOSITION COMPRISING A MIXTURE OF POLYMERS	Filed January 20, 2004. Not yet recorded.	Not yet published
05725.1336-00000	10/459,636	June 12, 2003	Shao Xiang LU and Mohamed KANJI	COSMETIC EMULSIONS CONTAINING AT LEAST ONE HETERO POLYMER AND A SUNSCREEN AND METHODS OF USING SAME	Filed October 3, 2003; not yet recorded	Not yet published
05725.1337-00000	10/618,315	July 11, 2003	Shao Xiang LU, Terry VAN LIEW, and Nathalie GEFFROY-HYLAND	COSMETIC COMPOSITIONS COMPRISING A STRUCTURING AGENT, SILICONE POWDER AND SWELLING AGENT	Filed August 12, 2003 and January 30, 2004; not yet recorded	Not yet published
05725.1338-01000	10/746,612	December 22, 2003	Shao Xiang LU, Terry VAN LIEW, Nathalie GEFFROY-HYLAND, and Mohamed KANJI	COSMETIC COMPOSITIONS COMPRISING A STRUCTURING AGENT, SILICONE POWDER AND SWELLING AGENT	Not yet filed/recorded	Not yet published
05725.1338-02000	10/747,412	December 22, 2003	Shao Xiang LU and Mohamed KANJI	COSMETIC EMULSIONS CONTAINING AT LEAST ONE HETERO	Not yet filed/recorded	Not yet published

Attorney Docket No.	U.S. Patent Application No.	U.S. Filing Date/ 371 (c) Date	Inventors	Title	Assignment Recorded (Reel, Frame, Date)	Publication, Date
				POLYMER AND AT LEAST ONE SUNSCREEN AND METHODS FOR USING THE SAME		
06028.0018-00000	10/203,375	August 9, 2002  371 (c) Date: August 9, 2002	Nathalie JAGER-LEZER and Jean-Christophe SIMON	COLOURED TRANSPARENT OR TRANSLUCENT COSMETIC COMPOSITION	Reel 013318, Frame 0962, on August 9, 2002	U.S. Published Application No. US 2003/002677 2 A1 Dated: February 6, 2003
06028.0019-00000	10/203,374	August 9, 2002  371 (c) Date: August 9, 2002	Jean-Christophe SIMON and Nathalie JAGER-LEZER	METHOD FOR MAKING A COLOURED MAKE-UP COSMETIC COMPOSITION WITH CONTROLLED TRANSMITTANCE	Reel 013321, Frame 0001, on August 9, 2002	U.S. Published Application No. US 2003/004436 7 A1 Dated: March 6, 2003

**A. Copending Applications and Patents**

Applicants have considered whether any potential issues arise under 35 U.S.C.

§ 102(e)/§ 103 regarding copending, related applications and patents.

35 U.S.C. § 102(e) states that

[a] person is entitled to a patent unless (e) the invention was described in - (1) an application for patent, published under § 122(b), by another filed in the United States before the invention by the application for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effect under this subsection of a national application published under section 122(b) only if the international application designating the United States was published under Article 21(2)(a) of such treaty in the English language; or (2) a

patent granted on an application for patent **by another** filed in the United States before the invention by the applicant for patent, except that a patent shall not be deemed filed in the United States for the purposes of this subsection based on the filing date of an international application filed under the treaty defined in section 351(a) . . . .

See 35 U.S.C. § 102(e) (emphasis added).

Applicants have identified the related copending applications and patents above in Table 3 that were filed prior to December 12, 2000, the effective U.S. filing date of the present application based on the priority document of the international patent application. Applicants do not believe that any of the identified copending U.S. Patent Applications or any relevant publications thereof or relevant PCT publications of a counterpart thereof, describe or suggest the subject matter of claims 114-129 of the present application under 35 U.S.C. § 102(e) and/or § 103.

Also listed in Table 3 is the publication information (U.S. Published Applications and/or U.S. Patents), if any, which correspond to these copending applications and their dates of publication/patenting. Moreover, Applicants have provided for the Examiner's convenience the available assignment information in Table 2 or confirmed the obligation of assignment with the assignee, demonstrating that none of these applications, patents or publications is available as § 102(e)/§ 103 prior art against claims 114-129. See 35 U.S.C. § 103(c). Applicants assert that all of the applications listed above that were filed prior to the instant application's priority date were commonly owned by the Assignee at the time the instant invention was made, which instant invention was also subject to assignment to the Assignee.

For the Examiner's convenience, Applicants submit herewith copies of the pending claims in each of the copending applications and patents listed in Table 3. See Claims at Exhibit 3. Applicants do not believe that any issue with respect to statutory double patenting under 35 U.S.C. § 101 is present with respect to claims 114-129 of the instant application and the claims of any other copending application or patent listed in Table 3.

**B. Terminal Disclaimer**

Further, solely to expedite prosecution of the instant application, Applicants also submit herewith a Terminal Disclaimer. This Terminal Disclaimer evidences no admission and raises no presumption or estoppel. See M.P.E.P. § 804.02 (quoting Quad Environmental Technologies Corp. v. Union Sanitary District, 20 U.S.P.Q.2d 1392 (Fed. Cir. 1992) for the propositions that "the filing of a terminal disclaimer simply serves the statutory function of removing the rejection of double patenting, and raises neither presumption nor estoppel on the merits of the rejection"). The Terminal Disclaimer is effective and is filed to eliminate the possibility of such a rejection or a rejection based any of the enumerated files, *i.e.*, to obviate a double patenting rejection, as stated in the language of the terminal disclaimer.

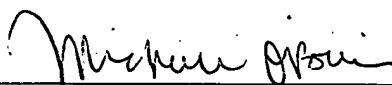
**V. Conclusion**

In view of the foregoing amendments and remarks, Applicants respectfully request consideration of the application, and timely allowance of the pending claims.

Please grant any extensions of time required to enter this response and charge any fee due in connection with this Amendment to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON,  
FARABOW, GARRETT & DUNNER, L.L.P.

By:   
Michelle E. O'Brien  
Reg. No. 46,203

Dated: February 27, 2004

**Attachments:**

- Exhibit 1 -** International Cosmetic Ingredient Dictionary and Handbook ("CTFA") page 606
- Exhibit 2 -** Pending Claims in Copending Applications



## **EXHIBIT 1**

**International Cosmetic Ingredient Dictionary and Handbook**  
**("CTFA") page 606**

Information Sources: CIR: [SQ]

Chemical Class: Synthetic Polymers

Functions: Binder; Film Former; Viscosity Increasing Agent - Nonaqueous

Technical/Other Name:

2-Propenoic Acid, Polymer with Ethene and Ethenyl Acetate

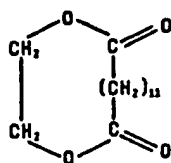
### ETHYLENE BRASSYLATE

CAS No. 105-95-3 EINECS No. 203-347-8

Empirical Formula:



Definition: Ethylene Brassylate is the cyclic ester that conforms to the formula:



Information Sources: 21CFR172.515, RIFM, TSCA

Chemical Class: Esters

Function: Fragrance Ingredient

Reported Product Categories: Foundations; Moisturizing Preparations; Cleansing Products (Cold Creams, Cleansing Lotions, Liquids and Pads); Personal Cleanliness Products, Misc.

Technical/Other Names:

1,4-Dioxacycloheptadecane-5,17-dione  
Ethylene brassylate (RIFM)  
Ethylene Undecane Dicarboxylate

Trade Name:

AEC Ethylene Brassylate (A & E Connock)

### ETHYLENE/CALCIUM ACRYLATE COPOLYMER

CAS No.: 26445-96-5

Empirical Formula:



Definition: Ethylene/Calcium Acrylate Copolymer is a copolymer of ethylene and calcium acrylate monomers.

Information Sources: 21CFR175.105, CIR: [SQ]

Chemical Class: Synthetic Polymers

Functions: Binder; Film Former

Technical/Other Name:

2-Propenoic Acid, Polymer with Ethene, Calcium Salt

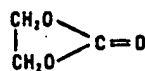
### ETHYLENE CARBONATE

CAS No. 96-49-1 EINECS No. 202-510-0

Empirical Formula:



Definition: Ethylene Carbonate is the organic compound that conforms to the formula:



Information Sources: JCIC, JCLS

Chemical Class: Esters

Function: Solvent

Technical/Other Name:

1,3-Dioxolan-2-one

### ETHYLENEDIAMINE/STEARYL DIMER DILINOLEATE COPOLYMER

Definition: Ethylenediamine/Stearyl Dimer Dilinoleate Copolymer is a copolymer of ethylenediamine and stearyl dimer dilinoleate monomers.

Chemical Class: Synthetic Polymers

Functions: Oral Care Agent; Skin-Conditioning Agent - Miscellaneous; Viscosity Increasing Agent - Nonaqueous

Trade Name:

UNICLEAR (Arizona)

### ETHYLENEDIAMINE/STEARYL DIMER TALLATE COPOLYMER

Definition: Ethylenediamine/Stearyl Dimer Tallate Copolymer is a copolymer of ethylenediamine and tall oil dimer acid monomers, end-blocked with stearyl alcohol.

Chemical Class: Synthetic Polymers

Functions: Oral Care Agent; Skin-Conditioning Agent - Miscellaneous; Viscosity Increasing Agent - Nonaqueous

Trade Name:

UNICLEAR (Arizona)

### ETHYLENE DICHLORIDE

CAS Nos. 107-06-2 EINECS Nos. 203-458-1  
1300-21-6 215-077-8

Empirical Formula:



Definition: Ethylene Dichloride is the halogenated aliphatic hydrocarbon that conforms to the formula:



Information Sources: 21CFR165.110, 21CFR172.560, 21CFR172.710, 21CFR172.864, 21CFR173.165, 21CFR173.230, 21CFR173.315, 21CFR175.105, 21CFR573.440, EEC(II-125), FCC, MI-12(3843), TSCA

Chemical Class: Halogen Compounds

Function: Not Reported

Technical/Other Names:

Dichloroethane  
Ethane, 1,2-Dichloro-

### ETHYLENE DIHYDROGENATED TALLOWAMIDE

Definition: Ethylene Dihydrogenated Tallowamide is the diamide that conforms generally to the formula:



where RCO- represents the fatty acids derived from hydrogenated tallow.

Chemical Class: Amides

Function: Viscosity Increasing Agent - Nonaqueous

Technical/Other Names:

N,N'-1,2-Ethanedibis(hydrogenated Tallowamide)  
(Hydrogenated Tallowamide), N,N'-1,2-Ethanedibis-

### ETHYLENE DILINOLEAMIDE

Definition: Ethylene Dilinoleamide is the condensation product of ethylenediamine with Dilinoleic Acid (q.v.).

Information Sources: JCIC, JCLS

Chemical Class: Amides

Function: Skin-Conditioning Agent - Miscellaneous

Technical/Other Name:

Condensate of Dilinoleic Acid and Ethylenediamine

### ETHYLENE DIOLEAMIDE

CAS No. 110-31-6 EINECS No. 203-756-1

The inclusion of any compound in the Dictionary and Handbook does not indicate that use of that substance as a cosmetic ingredient complies with the laws and regulations governing such use in the United States or any other country.

## **EXHIBIT 2**

### **Pending Claims in Copending Applications**

PENDING CLAIMS  
Application No. 09/733,899  
Attorney Docket No. 05725.0594-00000  
Filed: December 12, 2000

1. (Withdrawn) A composition comprising at least one liquid fatty phase which comprises:
  - (i) at least one structuring polymer comprising:  
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and
  - (ii) at least one film-forming silicone resin.
2. (Withdrawn) The composition according to claim 1, wherein said at least one structuring polymer further comprises at least one of:
  - at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and
  - at least one pendant fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group.
3. (Withdrawn) The composition according to claim 2, wherein said alkyl chains and said alkenyl chains each comprise at least four carbon atoms.
4. (Withdrawn) The composition according to claim 3, wherein said alkyl chains and said alkenyl chains each comprise from 8 to 120 carbon atoms.
5. (Withdrawn) The composition according to claim 4, wherein said alkyl chains and said alkenyl chains each comprise from 12 to 68 carbon atoms.
6. (Withdrawn) The composition according to claim 2, wherein said at least one linking group is chosen from single bonds and urea, urethane, thiourea, thiourethane, thioether, thioester, ester, ether and amine groups.
7. (Withdrawn) The composition according to claim 6, wherein said at least one linking group is an ester group present in a proportion ranging from 15% to 40% of the total number of all ester and hetero atom groups in the at least one structuring polymer.

8. (Withdrawn) The composition according to claim 7, wherein said at least one linking group is an ester group present in a proportion ranging from 20% to 35% of the total number of all ester and hetero atom groups in the at least one structuring polymer.

9. (Withdrawn) The composition according to claim 2, wherein said at least one terminal fatty chain is functionalized.

10. (Withdrawn) The composition according to claim 2, wherein said at least one pendant fatty chain is functionalized.

11. (Withdrawn) The composition according to claim 2, wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 40% to 98% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer.

12. (Withdrawn) The composition according to claim 11, wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 50% to 95% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer.

13. (Withdrawn) The composition according to claim 1, wherein said at least one structuring polymer has a weight-average molecular mass of less than 100,000.

14. (Withdrawn) The composition according to claim 13, wherein said at least one structuring polymer has a weight-average molecular mass of less than 50,000.

15. (Withdrawn) The composition according to claim 14, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 30,000.

16. (Withdrawn) The composition according to claim 15, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 20,000.

17. (Withdrawn) The composition according to claim 16, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 10,000.

18. (Withdrawn) The composition according to claim 1, wherein said at least one hydrocarbon based repeating unit comprises from 2 to 80 carbon atoms.

19. (Withdrawn) The composition according to claim 18, wherein said at least one hydrocarbon based repeating unit comprises from 2 to 60 carbon atoms.

20. (Withdrawn) The composition according to claim 1, wherein said at least one hydrocarbon based repeating unit is chosen from saturated and unsaturated hydrocarbon-based units which are chosen from linear hydrocarbon-based repeating units, branched hydrocarbon-based repeating units and cyclic hydrocarbon-based repeating units.

21. (Withdrawn) The composition according to claim 1, wherein said at least one hetero atom of said at least one hydrocarbon-based repeating unit is chosen from nitrogen, sulphur, and phosphorus.

22. (Withdrawn) The composition according to claim 21, wherein said at least one hetero atom is a nitrogen atom.

23. (Withdrawn) The composition according to claim 21, wherein said at least one hetero atom is combined with at least one atom chosen from oxygen and carbon to form a hetero atom group.

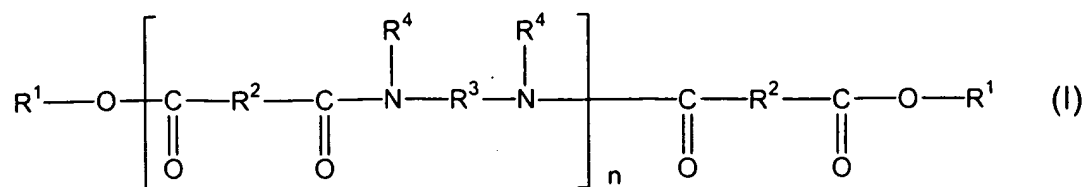
24. (Withdrawn) The composition according to claim 23, wherein said at least one hetero atom group further comprises a carbonyl group.

25. (Withdrawn) The composition according to claim 23, wherein said at least one hetero atom group is chosen from amide groups, carbamate groups, and urea groups.

26. (Withdrawn) The composition according to claim 25, wherein said at least one hetero atom group is an amide group and said polymer skeleton is a polyamide skeleton.

27. (Withdrawn) The composition according to claim 25, wherein said at least one hetero atom group is chosen from carbamate groups and urea groups and said polymer skeleton is chosen from a polyurethane skeleton, a polyurea skeleton and a polyurethane-polyurea skeleton.

28. (Withdrawn) The composition according to claim 1, wherein said at least one structuring polymer is chosen from polyamide polymers of formula (I):



in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;

- R<sup>1</sup>, which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;

- R<sup>2</sup>, which are identical or different, are each chosen from C<sub>4</sub> to C<sub>42</sub> hydrocarbon-based groups with the proviso that at least 50% of all R<sup>2</sup> are chosen from C<sub>30</sub> to C<sub>42</sub> hydrocarbon-based groups;

- R<sup>3</sup>, which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms, with the proviso that R<sup>3</sup> comprises at least 2 carbon atoms; and

- R<sup>4</sup>, which are identical or different, are each chosen from hydrogen atoms, C<sub>1</sub> to C<sub>10</sub> alkyl groups and a direct bond to at least one group chosen from R<sup>3</sup> and another R<sup>4</sup> such that when said at least one group is chosen from another R<sup>4</sup>, the nitrogen atom to which both R<sup>3</sup> and R<sup>4</sup> are bonded forms part of a heterocyclic structure defined in part by R<sup>4</sup>-N-R<sup>3</sup>, with the proviso that at least 50% of all R<sup>4</sup> are chosen from hydrogen atoms.

29. (Withdrawn) The composition according to claim 28, wherein in said formula (I), n is an integer ranging from 1 to 5.

30. (Withdrawn) The composition according to claim 29, wherein in said formula (I), n is an integer ranging from 3 to 5.

31. (Withdrawn) The composition according to claim 28, wherein in said formula (I), said alkyl groups of R<sup>1</sup> and said alkenyl groups of R<sup>1</sup> each independently comprise from 4 to 24 carbon atoms.

32. (Withdrawn) The composition according to claim 31, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{12}$  to  $C_{22}$  alkyl groups.

33. (Withdrawn) The composition according to claim 32, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{16}$  to  $C_{22}$  alkyl groups.

34. (Withdrawn) The composition according to claim 28, wherein in said formula (I),  $R^2$ , which are identical or different, are each chosen from  $C_{10}$  to  $C_{42}$  hydrocarbon based groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

35. (Withdrawn) The composition according to claim 34, wherein at least 75% of all  $R^2$ , which are identical or different, are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

36. (Withdrawn) The composition according to claim 28, wherein in said formula (I),  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{36}$  hydrocarbon-based groups and polyoxyalkylene groups.

37. (Withdrawn) The composition according to claim 36, wherein  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{12}$  hydrocarbon-based groups.

38. (Withdrawn) The composition according to claim 37, wherein in said formula (I),  $R^4$ , which can be identical or different, are each chosen from hydrogen atoms.

39. (Withdrawn) The composition according to claim 28, wherein said at least one polymer of formula (I) is in the form of a mixture of polymers, wherein said mixture optionally also comprises a compound of formula (I) wherein  $n$  is equal to zero.

40. (Withdrawn) The composition according to claim 1, wherein said at least one structuring polymer has a softening point greater than  $50^{\circ}\text{C}$ .

41. (Withdrawn) The composition according to claim 40, wherein said at least one structuring polymer has a softening point ranging from  $65^{\circ}\text{C}$  to  $190^{\circ}\text{C}$ .

42. (Withdrawn) The composition according to claim 41, wherein said at least one structuring polymer has a softening point ranging from  $70^{\circ}\text{C}$  to  $130^{\circ}\text{C}$ .



43. (Withdrawn) The composition according to claim 42, wherein said at least one structuring polymer has a softening point ranging from 80°C to 105°C.

44. (Withdrawn) The composition according to claim 1, wherein said at least one structuring polymer is present in the composition in an amount ranging from 0.5% to 80% by weight relative to the total weight of the composition.

45. (Withdrawn) The composition according to claim 44, wherein said at least one structuring polymer is present in the composition in an amount ranging from 2% to 60% by weight relative to the total weight of the composition.

46. (Withdrawn) The composition according to claim 45, wherein said at least one structuring polymer is present in the composition in an amount ranging from 5% to 40% by weight relative to the total weight of the composition.

47. (Withdrawn) The composition according to claim 1, wherein said composition has a hardness ranging from 30 to 300 g.

48. (Withdrawn) The composition according to claim 47, wherein said composition has a hardness ranging from 30 to 250 g.

49. (Withdrawn) The composition according to claim 48, wherein said composition has a hardness ranging from 30 to 200 g.

50. (Withdrawn) The composition according to claim 1, wherein said at least one liquid fatty phase of the composition comprises at least one oil.

51. (Withdrawn) The composition according to claim 50, wherein said at least one oil is chosen from at least one polar oil and at least one apolar oil.

52. (Withdrawn) The composition according to claim 51, wherein said at least one polar oil is chosen from:

- hydrocarbon-based plant oils with a high content of triglycerides comprising fatty acid esters of glycerol in which the fatty acids comprise chains having from 4 to 24 carbon atoms, said chains optionally being chosen from linear and branched, and saturated and unsaturated chains;

- synthetic oils or esters of formula  $R_5COOR_6$  in which  $R_5$  is chosen from linear and branched fatty acid residues comprising from 1 to 40 carbon atoms and  $R_5 + R_6 \geq 10$ ;

- synthetic ethers containing from 10 to 40 carbon atoms;

- C<sub>8</sub> to C<sub>26</sub> fatty alcohols; and
- C<sub>8</sub> to C<sub>26</sub> fatty acids.

53. (Withdrawn) The composition according to claim 51, wherein said at least one apolar oil is chosen from:

- silicone oils chosen from volatile and non-volatile, linear and cyclic polydimethylsiloxanes that are liquid at room temperature;
- polydimethylsiloxanes comprising alkyl or alkoxy groups which are pendant and/or at the end of the silicone chain, the groups each containing from 2 to 24 carbon atoms;
- phenylsilicones; and
- hydrocarbons chosen from linear and branched, volatile and non-volatile hydrocarbons of synthetic and mineral origin.

54. (Withdrawn) The composition according to claim 1, wherein said at least one liquid fatty phase comprises at least one non-volatile oil.

55. (Withdrawn) The composition according to claim 54, wherein said at least one non-volatile oil is chosen from hydrocarbon-based oils of mineral, plant and synthetic origin, synthetic esters and ethers, and silicone oils.

56. (Withdrawn) The composition according to claim 1, wherein said at least one liquid fatty phase is present in an amount ranging from 1% to 99% by weight relative to the total weight of the composition.

57. (Withdrawn) The composition according to claim 56, wherein said at least one liquid fatty phase is present in an amount ranging from 5% to 95.5% by weight relative to the total weight of the composition.

58. (Withdrawn) The composition according to claim 57, wherein said at least one liquid fatty phase is present in an amount ranging from 10% to 80% by weight relative to the total weight of the composition.

59. (Withdrawn) The composition according to claim 58, wherein said at least one liquid fatty phase is present in an amount ranging from 20% to 75% by weight relative to the total weight of the composition.

60. (Withdrawn) The composition according to claim 1, wherein said at least one liquid fatty phase comprises at least one volatile solvent chosen from hydrocarbon-

based solvents and silicone solvents optionally comprising alkyl or alkoxy groups that are pendant or at the end of a silicone chain.

61. (Withdrawn) The composition according to claim 60, wherein said at least one volatile solvent is present in an amount up to 95.5% relative to the total weight of the composition.

62. (Withdrawn) The composition according to claim 61, wherein said at least one volatile solvent is present in an amount ranging from 2% to 75% relative to the total weight of the composition.

63. (Withdrawn) The composition according to claim 62, wherein said at least one volatile solvent is present in an amount ranging from 10% to 45% relative to the total weight of the composition.

64. (Withdrawn) The composition according to claim 1, wherein said composition further comprises at least one additional fatty material.

65. (Withdrawn) The composition according to claim 64, wherein said at least one additional fatty material is chosen from gums, fatty materials pasty at ambient temperature, and resins.

66. (Withdrawn) The composition according to claim 1, wherein said at least one film-forming silicone resin is chosen from silsesquioxanes and siloxysilicates.

67. (Withdrawn) The composition according to claim 66, wherein said silsesquioxanes comprise repeating units of  $(\text{RSiO}_{3/2})_x$  where X is less than 2000.

68. (Withdrawn) The composition according to claim 67, wherein x is 500 or less.

69. (Withdrawn) The composition according to claim 66, wherein said silsesquioxanes are chosen from polymethylsilsesquioxanes comprising repeating units of formula  $(\text{CH}_3\text{SiO}_{3/2})$ .

70. (Withdrawn) The composition according to claim 66, wherein said siloxysilicates are chosen from trimethylsiloxysilicates.

71. (Withdrawn) The composition according to claim 70, wherein said trimethylsiloxysilicates comprise repeating units of  $[(\text{CH}_3)_3\text{-Si-O}]_x\text{-(SiO}_{4/2})_y$ , where x ranges from 50 to 80 and y ranges from 50 to 80.

72. (Withdrawn) The composition according to claim 69, wherein said polymethylsilsesquioxanes comprising repeating units of formula  $(\text{CH}_3\text{SiO}_{3/2})$  further comprise up to 1% of polymerized repeating units of formula  $(\text{CH}_3)_2\text{SiO}_{2/2}$ .

73. (Withdrawn) The composition according to claim 1, wherein the at least one film-forming silicone resin comprises at least two units chosen from M, D, T, and Q and said at least two units satisfy the relationship  $R_n\text{SiO}_{(4-n)/2}$  wherein n is a value ranging from 1.0 to 1.50.

74. (Withdrawn) The composition according to claim 73, wherein said at least one film-forming silicone resin is a solid at 25°C.

75. (Withdrawn) The composition according to claim 73, wherein said at least one film-forming silicone resin has a weight average molecular weight ranging from 1000 to 10000 grams/mole.

76. (Withdrawn) The composition according to claim 1, wherein said at least one film-forming silicone resin comprises repeating M units and repeating Q units.

77. (Withdrawn) The composition according to claim 76, wherein the ratio of M units to Q units is 0.7:1.

78. (Withdrawn) The composition according to claim 1, wherein said at least one film-forming silicone resin is present in the composition in an amount ranging from 1% to 10% by weight relative to the total weight of the composition.

79. (Withdrawn) The composition according to claim 1, wherein said composition further comprises at least one additional film-former.

80. (Withdrawn) The composition according to claim 1, wherein the composition is in a form chosen from a fluid anhydrous gel, rigid anhydrous gel, fluid simple emulsion, rigid simple emulsion, fluid multiple emulsion, and rigid multiple emulsion.

81. (Withdrawn) The composition according to claim 1, wherein said composition is a solid.

82. (Withdrawn) The composition according to claim 81, wherein said composition is a solid chosen from molded and poured sticks.

83. (Withdrawn) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer, wherein said at least one structuring polymer is at least one polyamide polymer comprising:

a polymer skeleton which comprises at least one amide repeating unit;

and

(ii) at least one film-forming silicone resin.

84. (Withdrawn) The composition according to claim 83, wherein said at least one polyamide polymer further comprises at least one of:

at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

at least one pendant fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group.

85. (Withdrawn) The composition according to claim 84, wherein said alkyl chains and said alkenyl chains each comprise at least four carbon atoms.

86. (Withdrawn) The composition according to claim 85, wherein said alkyl chains and said alkenyl chains each comprise from 8 to 120 carbon atoms.

87. (Withdrawn) The composition according to claim 86, wherein said alkyl chains and said alkenyl chains each comprise from 12 to 68 carbon atoms.

88. (Withdrawn) The composition according to claim 84, wherein said at least one linking group is chosen from single bonds and urea, urethane, thiourea, thiourethane, thioether, thioester, ester, ether and amine groups.

89. (Withdrawn) The composition according to claim 88, wherein said at least one linking group is an ester group present in a proportion ranging from 15% to 40% of the total number of all ester and amide groups in the at least one polyamide polymer.

90. (Withdrawn) The composition according to claim 89, wherein said at least one linking group is an ester group present in a proportion ranging from 20% to 35% of the total number of all ester and amide groups in the at least one polyamide polymer.

91. (Withdrawn) The composition according to claim 84, wherein said at least one terminal fatty chain is functionalized.

92. (Withdrawn) The composition according to claim 84, wherein said at least one pendant fatty chain is functionalized.

93. (Withdrawn) The composition according to claim 84, wherein in said at least one polyamide polymer, the percentage of the total number of fatty chains ranges from 40% to 98% relative to the total number of all amide units and fatty chains in the at least one polyamide polymer.

94. (Withdrawn) The composition according to claim 87, wherein in said at least one polyamide polymer, the percentage of the total number of fatty chains ranges from 50% to 95% relative to the total number of all amide units and fatty chains in the at least one polyamide polymer..

95. (Withdrawn) The composition according to claim 83, wherein said at least one polyamide polymer has a weight-average molecular mass of less than 100,000.

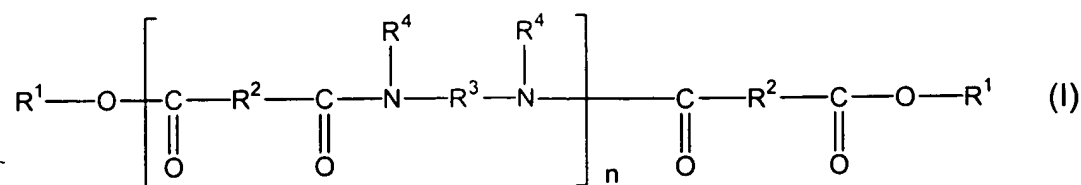
96. (Withdrawn) The composition according to claim 95, wherein said at least one polyamide polymer has a weight-average molecular mass of less than 50,000.

97. (Withdrawn) The composition according to claim 96, wherein said at least one polyamide polymer has a weight-average molecular mass ranging from 1000 to 30,000.

98. (Withdrawn) The composition according to claim 97, wherein said at least one polyamide polymer has a weight-average molecular mass ranging from 2000 to 20,000.

99. (Withdrawn) The composition according to claim 98, wherein said at least one polyamide polymer has a weight-average molecular mass ranging from 2000 to 10,000.

100. (Withdrawn) The composition according to claim 83, wherein said at least one polyamide polymer is chosen from polyamide polymers of formula (I):



in which:

-  $n$  is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;

-  $R^1$ , which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;

-  $R^2$ , which are identical or different, are each chosen from  $C_4$  to  $C_{42}$  hydrocarbon-based groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon-based groups;

-  $R^3$ , which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms with the proviso that  $R^3$  comprises at least 2 carbon atoms; and

-  $R^4$ , which are identical or different, are each chosen from hydrogen atoms,  $C_1$  to  $C_{10}$  alkyl groups and a direct bond to at least one group chosen from  $R^3$  and another  $R^4$  such that when said at least one group is chosen from another  $R^4$ , the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined in part by  $R^4-N-R^3$ , with the proviso that at least 50% of all  $R^4$  are chosen from hydrogen atoms.

101. (Withdrawn) The composition according to claim 100, wherein in said formula (I),  $n$  is an integer ranging from 1 to 5.

102. (Withdrawn) The composition according to claim 101, wherein in said formula (I),  $n$  is an integer ranging from 3 to 5.

103. (Withdrawn) The composition according to claim 100, wherein in said formula (I), said alkyl groups of  $R^1$  and said alkenyl groups of  $R^1$  each independently comprise from 4 to 24 carbon atoms.

104. (Withdrawn) The composition according to claim 103, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{12}$  to  $C_{22}$  alkyl groups.

105. (Withdrawn) The composition according to claim 104, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{16}$  to  $C_{22}$  alkyl groups.

106. (Withdrawn) The composition according to claim 100, wherein in said formula (I),  $R^2$ , which are identical or different, are each chosen from  $C_{10}$  to  $C_{42}$  hydrocarbon based groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

107. (Withdrawn) The composition according to claim 106, wherein at least 75% of all  $R^2$ , which are identical or different, are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

108. (Withdrawn) The composition according to claim 100, wherein in said formula (I),  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{36}$  hydrocarbon-based groups and polyoxyalkylene groups.

109. (Withdrawn) The composition according to claim 108, wherein  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{12}$  hydrocarbon-based groups.

110. (Withdrawn) The composition according to claim 100, wherein in said formula (I),  $R^4$ , which can be identical or different, are each chosen from hydrogen atoms.

111. (Withdrawn) The composition according to claim 100, wherein said at least one polymer of formula (I) is in the form of a mixture of polymers, wherein said mixture optionally also comprises a compound of formula (I) wherein  $n$  is equal to zero.

112. (Withdrawn) The composition according to claim 83, wherein said at least one polyamide polymer is chosen from polymers resulting from at least one polycondensation reaction between at least one dicarboxylic acid comprising at least 32 carbon atoms and at least one amine chosen from diamines comprising at least 2 carbon atoms and triamines comprising at least 2 carbon atoms.

113. (Withdrawn) The composition according to claim 112, wherein said at least one dicarboxylic acid comprises from 32 to 44 carbon atoms and said at least one amine comprises from 2 to 36 carbon atoms.



114. (Withdrawn) The composition according to claim 113, wherein said at least one dicarboxylic acid is chosen from dimers of at least one fatty acid comprising at least 16 carbon atoms.

115. (Withdrawn) The composition according to claim 114, wherein said at least one fatty acid is chosen from oleic acid, linoleic acid and linolenic acid.

116. (Withdrawn) The composition according to claim 112, wherein said at least one amine is chosen from ethylenediamine, hexylenediamine, hexamethylenediamine, phenylenediamine and ethylenetriamine.

117. (Withdrawn) The composition according to claim 83, wherein said at least one polyamide polymer is chosen from polymers comprising at least one terminal carboxylic acid group.

118. (Withdrawn) The composition according to claim 117, wherein said at least one terminal carboxylic acid group is esterified with at least one alcohol chosen from monoalcohols comprising at least 4 carbon atoms.

119. (Withdrawn) The composition according to claim 83, wherein said at least one polyamide polymer is chosen from:

- polymers chosen from mixtures of copolymers derived from monomers of (i) C<sub>36</sub> diacids and (ii) ethylenediamine, and having a weight-average molecular mass of about 6000;

- polyamide polymers resulting from the condensation of at least one aliphatic dicarboxylic acid and at least one diamine, the carbonyl and amine groups being condensed via an amide bond; and

- polyamide resins from vegetable sources.

120. (Withdrawn) The composition according to claim 83, wherein said at least one polyamide polymer has a softening point greater than 50°C.

121. (Withdrawn) The composition according to claim 120, wherein said at least one polyamide polymer has a softening point ranging from 65°C to 190°C.

122. (Withdrawn) The composition according to claim 121, wherein said at least one polyamide polymer has a softening point ranging from 70°C to 130°C.

123. (Withdrawn) The composition according to claim 122, wherein said at least one polyamide polymer has a softening point ranging from 80°C to 105°C.

124. (Withdrawn) The composition according to claim 83, wherein said at least one polyamide polymer is present in the composition in an amount ranging from 0.5% to 80% by weight relative to the total weight of the composition.

125. (Withdrawn) The composition according to claim 124, wherein said at least one polyamide polymer is present in the composition in an amount ranging from 2% to 60% by weight relative to the total weight of the composition.

126. (Withdrawn) The composition according to claim 125, wherein said at least one polyamide polymer is present in the composition in an amount ranging from 5% to 40% by weight relative to the total weight of the composition.

127. (Withdrawn) The composition according to claim 83, wherein said composition has a hardness ranging from 30 to 300 g.

128. (Withdrawn) The composition according to claim 127, wherein said composition has a hardness ranging from 30 to 250 g.

129. (Withdrawn) The composition according to claim 128, wherein said composition has a hardness ranging from 30 to 200 g.

130. (Withdrawn) The composition according to claim 83, wherein said at least one liquid fatty phase of the composition comprises at least one oil.

131. (Withdrawn) The composition according to claim 130, wherein said at least one oil is chosen from at least one polar oil and at least one apolar oil.

132. (Withdrawn) The composition according to claim 131, wherein said at least one polar oil is chosen from:

- hydrocarbon-based plant oils with a high content of triglycerides comprising fatty acid esters of glycerol in which the fatty acids comprise chains having from 4 to 24 carbon atoms, said chains optionally being chosen from linear and branched, and saturated and unsaturated chains;

- synthetic oils or esters of formula  $R_5COOR_6$  in which  $R_5$  is chosen from linear and branched fatty acid residues comprising from 1 to 40 carbon atoms and  $R_5 + R_6 \geq 10$ ;

- synthetic ethers containing from 10 to 40 carbon atoms;
- $C_8$  to  $C_{26}$  fatty alcohols; and
- $C_8$  to  $C_{26}$  fatty acids.

133. (Withdrawn) The composition according to claim 131, wherein said at least one apolar oil is chosen from:

- silicone oils chosen from volatile and non-volatile, linear and cyclic polydimethylsiloxanes that are liquid at room temperature;
- polydimethylsiloxanes comprising alkyl or alkoxy groups which are pendant and/or at the end of the silicone chain, the groups each containing from 2 to 24 carbon atoms;
- phenylsilicones; and
- hydrocarbons chosen from linear and branched, volatile and non-volatile hydrocarbons of synthetic and mineral origin.

134. (Withdrawn) The composition according to claim 83, wherein said at least one liquid fatty phase comprises at least one non-volatile oil.

135. (Withdrawn) The composition according to claim 134, wherein said at least one non-volatile oil is chosen from hydrocarbon-based oils of mineral, plant and synthetic origin, synthetic esters and ethers, and silicone oils.

136. (Withdrawn) The composition according to claim 83, wherein said at least one liquid fatty phase is present in an amount ranging from 1% to 99% by weight relative to the total weight of the composition.

137. (Withdrawn) The composition according to claim 136, wherein said at least one liquid fatty phase is present in an amount ranging from 5% to 95.5% by weight relative to the total weight of the composition.

138. (Withdrawn) The composition according to claim 137, wherein said at least one liquid fatty phase is present in an amount ranging from 10% to 80% by weight relative to the total weight of the composition.

139. (Withdrawn) The composition according to claim 138, wherein said at least one liquid fatty phase is present in an amount ranging from 20% to 75% by weight relative to the total weight of the composition.

140. (Withdrawn) The composition according to claim 83, wherein said at least one liquid fatty phase comprises at least one volatile solvent chosen from hydrocarbon-based solvents and silicone solvents optionally comprising alkyl or alkoxy groups that are pendant or at the end of a silicone chain.

141. (Withdrawn) The composition according to claim 140, wherein said at least one volatile solvent is present in an amount up to 95.5% relative to the total weight of the composition.

142. (Withdrawn) The composition according to claim 141, wherein said at least one volatile solvent is present in an amount ranging from 2% to 75% relative to the total weight of the composition.

143. (Withdrawn) The composition according to claim 142, wherein said at least one volatile solvent is present in an amount ranging from 10% to 45% relative to the total weight of the composition.

144. (Withdrawn) The composition according to claim 83, wherein said composition further comprises at least one additional fatty material.

145. (Withdrawn) The composition according to claim 144, wherein said at least one additional fatty material is chosen from gums, fatty materials pasty at ambient temperature, and resins.

146. (Withdrawn) The composition according to claim 83, wherein said at least one film-forming silicone resin is chosen from silsesquioxanes and siloxysilicates.

147. (Withdrawn) The composition according to claim 146, wherein said silsesquioxanes comprise repeating units of  $(\text{RSiO}_{3/2})_x$  where X is less than 2000.

148. (Withdrawn) The composition according to claim 147, wherein x is 500 or less.

149. (Withdrawn) The composition according to claim 148, wherein said silsesquioxanes are chosen from polymethylsilsesquioxanes comprising repeating units of formula  $(\text{CH}_3\text{SiO}_{3/2})$ .

150. (Withdrawn) The composition according to claim 146, wherein said siloxysilicates are chosen from trimethylsiloxysilicates.

151. (Withdrawn) The composition according to claim 150, wherein said trimethylsiloxysilicates comprise repeating units of  $[(\text{CH}_3)_3\text{-Si-O}]_x\text{-(SiO}_{4/2})_y$ , where x ranges from 50 to 80 and y ranges from 50 to 80.

152. (Withdrawn) The composition according to claim 149, wherein said polymethylsilsesquioxanes comprising repeating units of formula  $(\text{CH}_3\text{SiO}_{3/2})$  further comprise up to 1% of polymerized repeating units of formula  $(\text{CH}_3)_2\text{SiO}_{2/2}$ .

153. (Withdrawn) The composition according to claim 83, wherein the at least one film-forming silicone resin comprises at least two units chosen from M, D, T, and Q and said at least two units satisfy the relationship  $R_nSiO_{(4-n)/2}$  wherein n is a value ranging from 1.0 to 1.50.

154. (Withdrawn) The composition according to claim 153, wherein said at least one film-forming silicone resin is a solid at 25°C.

155. (Withdrawn) The composition according to claim 153, wherein said at least one film-forming silicone resin has a weight average molecular weight ranging from 1000 to 10000 grams/mole.

156. (Withdrawn) The composition according to claim 83, wherein said at least one film-forming silicone resin comprises repeating M units and repeating Q units.

157. (Withdrawn) The composition according to claim 156, wherein the ratio of M units to Q units is 0.7:1.

158. (Withdrawn) The composition according to claim 83, wherein said at least one film-forming silicone resin is present in the composition in an amount ranging from 1% to 10% by weight relative to the total weight of the composition.

159. (Withdrawn) The composition according to claim 83, wherein said composition further comprises at least one additional film-former.

160. (Withdrawn) The composition according to claim 83, wherein the composition is in a form chosen from a fluid anhydrous gel, rigid anhydrous gel, fluid simple emulsion, rigid simple emulsion, fluid multiple emulsion, and rigid multiple emulsion.

161. (Withdrawn) The composition according to claim 83, wherein said composition is a solid.

162. (Withdrawn) The composition according to claim 161, wherein said composition is a solid chosen from molded and poured sticks.

163. (Withdrawn) An anhydrous composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one film-forming silicone resin.

164. (Withdrawn) The anhydrous composition according to claim 163, wherein said at least one structuring polymer further comprises at least one of:

at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

at least one pendant fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group.

165. (Withdrawn) The anhydrous composition according to claim 164, wherein said alkyl chains and said alkenyl chains each comprise at least four carbon atoms.

166. (Withdrawn) The anhydrous composition according to claim 165, wherein said alkyl chains and said alkenyl chains each comprise from 8 to 120 carbon atoms.

167. (Withdrawn) The anhydrous composition according to claim 166, wherein said alkyl chains and said alkenyl chains each comprise from 12 to 68 carbon atoms.

168. (Withdrawn) The anhydrous composition according to claim 164, wherein said at least one linking group is chosen from single bonds and urea, urethane, thiourea, thiourethane, thioether, thioester, ester, ether and amine groups.

169. (Withdrawn) The anhydrous composition according to claim 168, wherein said at least one linking group is an ester group present in a proportion ranging from 15% to 40% of the total number of all ester and hetero atom groups in the at least one structuring polymer.

170. (Withdrawn) The anhydrous composition according to claim 169, wherein said at least one linking group is an ester group present in a proportion ranging from 20% to 35% of the total number of all ester and hetero atom groups in the at least one structuring polymer.

171. (Withdrawn) The anhydrous composition according to claim 164, wherein said at least one terminal fatty chain is functionalized.

172. (Withdrawn) The anhydrous composition according to claim 164, wherein said at least one pendant fatty chain is functionalized.

173. (Withdrawn) The anhydrous composition according to claim 164, wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 40% to 98% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer.

174. (Withdrawn) The anhydrous composition according to claim 173, wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 50% to 95% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer.

175. (Withdrawn) The anhydrous composition according to claim 164, wherein said at least one structuring polymer has a weight-average molecular mass of less than 100,000.

176. (Withdrawn) The anhydrous composition according to claim 175, wherein said at least one structuring polymer has a weight-average molecular mass of less than 50,000.

177. (Withdrawn) The anhydrous composition according to claim 176, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 30,000.

178. (Withdrawn) The anhydrous composition according to claim 177, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 20,000.

179. (Withdrawn) The anhydrous composition according to claim 178, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 10,000.

180. (Withdrawn) The anhydrous composition according to claim 179, wherein said at least one hydrocarbon based repeating unit comprises from 2 to 80 carbon atoms.

181. (Withdrawn) The anhydrous composition according to claim 180, wherein said at least one hydrocarbon based repeating unit comprises from 2 to 60 carbon atoms.

182. (Withdrawn) The anhydrous composition according to claim 163, wherein said at least one hydrocarbon based repeating unit is chosen from saturated and

unsaturated hydrocarbon-based units which are chosen from linear hydrocarbon-based repeating units, branched hydrocarbon-based repeating units and cyclic hydrocarbon-based repeating units.

183. (Withdrawn) The anhydrous composition according to claim 163, wherein said at least one hetero atom of said at least one hydrocarbon-based repeating unit is chosen from nitrogen, sulphur, and phosphorus.

184. (Withdrawn) The anhydrous composition according to claim 183, wherein said at least one hetero atom is a nitrogen atom.

185. (Withdrawn) The anhydrous composition according to claim 183, wherein said at least one hetero atom is combined with at least one atom chosen from oxygen and carbon to form a hetero atom group.

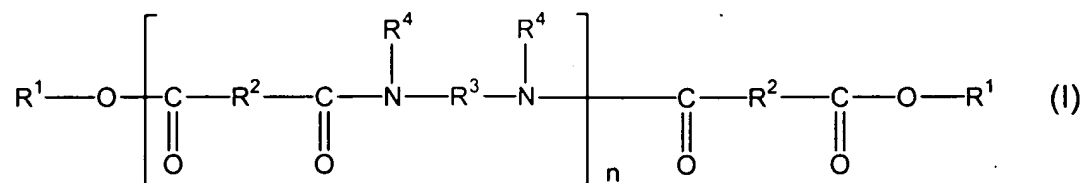
186. (Withdrawn) The anhydrous composition according to claim 185, wherein said at least one hetero atom group further comprises a carbonyl group.

187. (Withdrawn) The anhydrous composition according to claim 185, wherein said at least one hetero atom group is chosen from amide groups, carbamate groups, and urea groups.

188. (Withdrawn) The anhydrous composition according to claim 187, wherein said at least one hetero atom group is an amide group and said polymer skeleton is a polyamide skeleton.

189. (Withdrawn) The anhydrous composition according to claim 187, wherein said at least one hetero atom group is chosen from carbamate groups and urea groups and said polymer skeleton is chosen from a polyurethane skeleton, a polyurea skeleton and a polyurethane-polyurea skeleton.

190. (Withdrawn) The anhydrous composition according to claim 163, wherein said at least one structuring polymer is chosen from polyamide polymers of formula (I):



in which:



-  $n$  is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;

-  $R^1$ , which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;

-  $R^2$ , which are identical or different, are each chosen from  $C_4$  to  $C_{42}$  hydrocarbon-based groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon-based groups;

-  $R^3$ , which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms with the proviso that  $R^3$  comprises at least 2 carbon atoms; and

-  $R^4$ , which are identical or different, are each chosen from hydrogen atoms,  $C_1$  to  $C_{10}$  alkyl groups and a direct bond to at least one group chosen from  $R^3$  and another  $R^4$  such that when said at least one group is chosen from another  $R^4$ , the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined in part by  $R^4-N-R^3$ , with the proviso that at least 50% of all  $R^4$  are chosen from hydrogen atoms.

191. (Withdrawn) The anhydrous composition according to claim 190, wherein in said formula (I),  $n$  is an integer ranging from 1 to 5.

192. (Withdrawn) The anhydrous composition according to claim 191, wherein in said formula (I),  $n$  is an integer ranging from 3 to 5.

193. (Withdrawn) The anhydrous composition according to claim 190, wherein in said formula (I), said alkyl groups of  $R^1$  and said alkenyl groups of  $R^1$  each independently comprise from 4 to 24 carbon atoms.

194. (Withdrawn) The anhydrous composition according to claim 193, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{12}$  to  $C_{22}$  alkyl groups.

195. (Withdrawn) The anhydrous composition according to claim 194, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{16}$  to  $C_{22}$  alkyl groups.

196. (Withdrawn) The anhydrous composition according to claim 190, wherein in said formula (I),  $R^2$ , which are identical or different, are each chosen from  $C_{10}$  to  $C_{42}$  hydrocarbon based groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

197. (Withdrawn) The anhydrous composition according to claim 196, wherein at least 75% of all  $R^2$ , which are identical or different, are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

198. (Withdrawn) The anhydrous composition according to claim 190, wherein in said formula (I),  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{36}$  hydrocarbon-based groups and polyoxyalkylene groups.

199. (Withdrawn) The anhydrous composition according to claim 198, wherein  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{12}$  hydrocarbon-based groups.

200. (Withdrawn) The anhydrous composition according to claim 199, wherein in said formula (I),  $R^4$ , which can be identical or different, are each chosen from hydrogen atoms.

201. (Withdrawn) The anhydrous composition according to claim 200, wherein said at least one polymer of formula (I) is in the form of a mixture of polymers, wherein said mixture optionally also comprises a compound of formula (I) wherein  $n$  is equal to zero.

202. (Withdrawn) The anhydrous composition according to claim 163, wherein said at least one structuring polymer has a softening point greater than  $50^{\circ}\text{C}$ .

203. (Withdrawn) The anhydrous composition according to claim 202, wherein said at least one structuring polymer has a softening point ranging from  $65^{\circ}\text{C}$  to  $190^{\circ}\text{C}$ .

204. (Withdrawn) The anhydrous composition according to claim 203, wherein said at least one structuring polymer has a softening point ranging from  $70^{\circ}\text{C}$  to  $130^{\circ}\text{C}$ .

205. (Withdrawn) The anhydrous composition according to claim 204, wherein said at least one structuring polymer has a softening point ranging from  $80^{\circ}\text{C}$  to  $105^{\circ}\text{C}$ .

206. (Withdrawn) The anhydrous composition according to claim 163, wherein said at least one structuring polymer is present in the composition in an amount ranging from 0.5% to 80% by weight relative to the total weight of the composition.

207. (Withdrawn) The anhydrous composition according to claim 206, wherein said at least one structuring polymer is present in the composition in an amount ranging from 2% to 60% by weight relative to the total weight of the composition.

208. (Withdrawn) The anhydrous composition according to claim 207, wherein said at least one structuring polymer is present in the composition in an amount ranging from 5% to 40% by weight relative to the total weight of the composition.

209. (Withdrawn) The anhydrous composition according to claim 163, wherein said composition has a hardness ranging from 30 to 300 g.

210. (Withdrawn) The anhydrous composition according to claim 209, wherein said composition has a hardness ranging from 30 to 250 g.

211. (Withdrawn) The anhydrous composition according to claim 210, wherein said composition has a hardness ranging from 30 to 200 g.

212. (Withdrawn) The anhydrous composition according to claim 163 wherein said at least one liquid fatty phase of the composition comprises at least one oil.

213. (Withdrawn) The anhydrous composition according to claim 212, wherein said at least one oil is chosen from at least one polar oil and at least one apolar oil.

214. (Withdrawn) The anhydrous composition according to claim 213, wherein said at least one polar oil is chosen from:

- hydrocarbon-based plant oils with a high content of triglycerides comprising fatty acid esters of glycerol in which the fatty acids comprise chains having from 4 to 24 carbon atoms, said chains optionally being chosen from linear and branched, and saturated and unsaturated chains;

- synthetic oils or esters of formula  $R_5COOR_6$  in which  $R_5$  is chosen from linear and branched fatty acid residues comprising from 1 to 40 carbon atoms and  $R_5 + R_6 \geq 10$ ;

- synthetic ethers containing from 10 to 40 carbon atoms;

- $C_8$  to  $C_{26}$  fatty alcohols; and

- $C_8$  to  $C_{26}$  fatty acids.

215. (Withdrawn) The anhydrous composition according to claim 213, wherein said at least one apolar oil is chosen from:

- silicone oils chosen from volatile and non-volatile, linear and cyclic polydimethylsiloxanes that are liquid at room temperature;
- polydimethylsiloxanes comprising alkyl or alkoxy groups which are pendant and/or at the end of the silicone chain, the groups each containing from 2 to 24 carbon atoms;
- phenylsilicones; and
- hydrocarbons chosen from linear and branched, volatile and non-volatile hydrocarbons of synthetic and mineral origin.

216. (Withdrawn) The anhydrous composition according to claim 163, wherein said at least one liquid fatty phase comprises at least one non-volatile oil.

217. (Withdrawn) The anhydrous composition according to claim 216, wherein said at least one non-volatile oil is chosen from hydrocarbon-based oils of mineral, plant and synthetic origin, synthetic esters and ethers, and silicone oils.

218. (Withdrawn) The anhydrous composition according to claim 163, wherein said at least one liquid fatty phase is present in an amount ranging from 1% to 99% by weight relative to the total weight of the composition.

219. (Withdrawn) The anhydrous composition according to claim 218, wherein said at least one liquid fatty phase is present in an amount ranging from 5% to 95.5% by weight relative to the total weight of the composition.

220. (Withdrawn) The anhydrous composition according to claim 219, wherein said at least one liquid fatty phase is present in an amount ranging from 10% to 80% by weight relative to the total weight of the composition.

221. (Withdrawn) The anhydrous composition according to claim 220, wherein said at least one liquid fatty phase is present in an amount ranging from 20% to 75% by weight relative to the total weight of the composition.

222. (Withdrawn) The anhydrous composition according to claim 163, wherein said at least one liquid fatty phase comprises at least one volatile solvent chosen from hydrocarbon-based solvents and silicone solvents optionally comprising alkyl or alkoxy groups that are pendant or at the end of a silicone chain.

223. (Withdrawn) The anhydrous composition according to claim 222, wherein said at least one volatile solvent is present in an amount up to 95.5% relative to the total weight of the composition.

224. (Withdrawn) The anhydrous composition according to claim 223, wherein said at least one volatile solvent is present in an amount ranging from 2% to 75% relative to the total weight of the composition.

225. (Withdrawn) The anhydrous composition according to claim 224, wherein said at least one volatile solvent is present in an amount ranging from 10% to 45% relative to the total weight of the composition.

226. (Withdrawn) The anhydrous composition according to claim 163, wherein said composition further comprises at least one additional fatty material.

227. (Withdrawn) The anhydrous composition according to claim 226, wherein said at least one additional fatty material is chosen from gums, fatty materials pasty at ambient temperature, and resins.

228. (Withdrawn) The anhydrous composition according to claim 163, wherein said at least one film-forming silicone resin is chosen from silsesquioxanes and siloxysilicates.

229. (Withdrawn) The anhydrous composition according to claim 228, wherein said silsesquioxanes comprise repeating units of  $(\text{RSiO}_{3/2})_x$  where X is less than 2000.

230. (Withdrawn) The anhydrous composition according to claim 229, wherein x is 500 or less.

231. (Withdrawn) The anhydrous composition according to claim 228, wherein said silsesquioxanes are chosen from polymethylsilsesquioxanes comprising repeating units of formula  $(\text{CH}_3\text{SiO}_{3/2})$ .

232. (Withdrawn) The anhydrous composition according to claim 228, wherein said siloxysilicates are chosen from trimethylsiloxysilicates.

233. (Withdrawn) The anhydrous composition according to claim 232, wherein said trimethylsiloxysilicates comprise repeating units of  $[(\text{CH}_3)_3\text{-Si-O}]_x\text{-(SiO}_{4/2})_y$ , where x ranges from 50 to 80 and y ranges from 50 to 80.

234. (Withdrawn) The anhydrous composition according to claim 231, wherein said polymethylsilsesquioxanes comprising repeating units of formula  $(\text{CH}_3\text{SiO}_{3/2})$  further comprise up to 1% of polymerized repeating units of formula  $(\text{CH}_3)_2\text{SiO}_{2/2}$ .

235. (Withdrawn) The anhydrous composition according to claim 163, wherein the at least one film-forming silicone resin comprises at least two units chosen from M, D, T, and Q and said at least two units satisfy the relationship  $\text{R}_n\text{SiO}_{(4-n)/2}$  wherein n is a value ranging from 1.0 to 1.50.

236. (Withdrawn) The anhydrous composition according to claim 235, wherein said at least one film-forming silicone resin is a solid at 25°C.

237. (Withdrawn) The anhydrous composition according to claim 235, wherein said at least one film-forming silicone resin has a weight average molecular weight ranging from 1000 to 10000 grams/mole.

238. (Withdrawn) The anhydrous composition according to claim 163, wherein said at least one film-forming silicone resin comprises repeating M units and repeating Q units.

239. (Withdrawn) The anhydrous composition according to claim 238, wherein the ratio of M units to Q units is 0.7:1.

240. (Withdrawn) The anhydrous composition according to claim 163, wherein said at least one film-forming silicone resin is present in the composition in an amount ranging from 1% to 10% by weight relative to the total weight of the composition.

241. (Withdrawn) The anhydrous composition according to claim 163, wherein said composition further comprises at least one additional film-former.

242. (Withdrawn) The anhydrous composition according to claim 163, wherein the composition is in a form chosen from a fluid anhydrous gel, rigid anhydrous gel, fluid simple emulsion, rigid simple emulsion, fluid multiple emulsion, and rigid multiple emulsion.

243. (Withdrawn) The anhydrous composition according to claim 163, wherein said composition is a solid.

244. (Withdrawn) The anhydrous composition according to claim 243, wherein said composition is a solid chosen from molded and poured sticks.

245. (Original) A foundation, mascara, eye liner, concealer, lipstick, blush for cheeks or eyelids, body makeup, sun screen, deodorant, colorant for skin or hair, skin care formula, shampoo, after shampoo treatment, or makeup removing product comprising:

at least one liquid fatty phase in said foundation, mascara, eye liner, concealer, lipstick, blush for cheeks or eyelids, body makeup, sun screen, deodorant, colorant for skin or hair, skin care formula, shampoo, after shampoo treatment, or makeup removing product which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one film-forming silicone resin.

246. (Original) The composition according to claim 245, wherein said composition is a solid.

247. (Original) A make-up and/or care and/or treatment composition for keratinous fibers comprising:

at least one liquid fatty phase in said composition which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one film-forming silicone resin.

248. (Withdrawn) A lipstick composition in stick form comprising at least one continuous liquid fatty phase, at least one film-forming silicone resin, and at least one non-waxy structuring polymer having a weight-average molecular mass of less than 100,000 in said lipstick, said continuous liquid fatty phase, said at least one film-forming resin and said at least one non-waxy structuring polymer being present in said lipstick composition.

249. (Withdrawn) A treatment, care or make-up composition for keratinous fibers

comprising a structured composition containing at least one liquid fatty phase in said treatment, care or make-up composition structured with at least one structuring

polymer comprising a polymer skeleton comprising at least one hydrocarbon-based repeating unit comprising at least one hetero atom, at least one film-forming silicone resin, and at least one coloring agent.

250. (Withdrawn) A structured composition comprising at least one liquid fatty phase structured with at least one structuring polymer comprising a polymer skeleton comprising at least one hydrocarbon-based repeating unit comprising at least one hetero atom, wherein the at least one structuring polymer further comprises at least one terminal fatty chain, optionally functionalized, chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group chosen from amides, ureas, and esters, wherein when said at least one linking group is chosen from esters, said at least one terminal fatty chain is chosen from branched alkyl groups and at least one film-forming silicone resin.

251. (Withdrawn) A composition according to claim 250, wherein said at least one structuring polymer may also comprise at least one pendant fatty chain, optionally functionalized, chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via bonded to any carbon or hetero atom of the polymer skeleton via at least one linking group chosen from amides, ureas, and esters, wherein when said at least one linking group is chosen from esters, said at least one pendant fatty chain is chosen from branched alkyl groups.

252. (Withdrawn) A structured composition comprising at least one liquid fatty phase structured with at least one structuring polymer comprising a polymer skeleton comprising at least one hydrocarbon-based repeating unit comprising at least one hetero atom, wherein the at least one structuring polymer further comprises at least one pendant fatty chain, optionally functionalized, chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group chosen from amides, ureas, and esters, wherein when said at least one linking group is chosen from esters, said at least one pendant fatty chain is chosen from branched alkyl groups and at least one film-forming silicone resin.

253. (Original) A method for care, make up, or treatment of a keratin material chosen from lips, skin, and keratinous fibers, comprising the application to said keratin material of a cosmetic composition comprising:



at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one film-forming silicone resin.

254. (Original) A method for making a cosmetic composition in the form of a physiologically acceptable composition comprising including in said composition

at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one film-forming silicone resin.

255. (Withdrawn) A method for making a transfer-resistant composition comprising combining:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one film-forming silicone resin,

wherein said at least one film-forming silicon resin and said at least one structuring polymer are present in an amount effective to provide transfer resistant properties.

256. (Withdrawn) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

(ii) at least one film-forming silicone resin.

257. (Withdrawn) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising  
a polymer skeleton which comprises at least one hydrocarbon-based  
repeating unit comprising at least one hetero atom with the proviso that said at least one  
hetero atom is not nitrogen; and

(ii) at least one film-forming silicone resin.

258. (Withdrawn) A deodorant product or a care product for the skin or body  
comprising an anhydrous composition comprising at least one liquid fatty phase in said  
product which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based  
repeating unit comprising at least one hetero atom; and

(ii) at least one film-forming silicone resin.

259. (Withdrawn) The composition according to claim 6, wherein said at least  
one linking group is chosen from urea, ester, and amine groups.

260. (Withdrawn) The composition according to claim 259, wherein said at  
least one linking group is chosen from ester and amine groups.

261. (Withdrawn) The composition according to claim 88, wherein said at least  
one linking group is chosen from urea, ester, and amine groups.

262. (Withdrawn) The composition according to claim 261, wherein said at  
least one linking group is chosen from ester and amine groups.

263. (Withdrawn) The anhydrous composition according to claim 168, wherein  
said at least one linking group is chosen from urea, ester, and amine groups.

264. (Withdrawn) The composition according to claim 263, wherein said at  
least one linking group is chosen from ester and amine groups.

265. (Withdrawn) An anhydrous composition comprising at least one liquid  
fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least three hydrocarbon-based  
repeating units comprising at least one hetero atom; and

(ii) at least one film-forming silicone resin.

266. (Withdrawn) An anhydrous composition according to claim 265, wherein said at least three hydrocarbon-based repeating units are identical.

267. (Withdrawn) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising: a polymer skeleton which comprises a) at least one hydrocarbon-based repeating unit comprising at least one hetero atom and b) at least one of:

- at least one terminal fatty chain, optionally functionalized, chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

- at least one pendant fatty chain, optionally functionalized, chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group; and

(ii) at least one film-forming silicone resin.

PENDING CLAIMS  
Application No. 09/733,900  
Attorney Docket No. 05725.0595  
Filed: December 12, 2000

1. (Withdrawn) A composition comprising at least one liquid fatty phase which comprises:
  - (i) at least one structuring polymer comprising:  
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and
  - (ii) at least one oil-soluble cationic surfactant.
  
2. (Withdrawn) The composition according to claim 1, wherein said at least one structuring polymer further comprises at least one of:
  - at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and
  - at least one pendant fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group.
  
3. (Withdrawn) The composition according to claim 2, wherein said alkyl chains and said alkenyl chains each comprise at least four carbon atoms.
  
4. (Withdrawn) The composition according to claim 3, wherein said alkyl chains and said alkenyl chains each comprise from 8 to 120 carbon atoms.
  
5. (Withdrawn) The composition according to claim 4, wherein said alkyl chains and said alkenyl chains each comprise from 12 to 68 carbon atoms.

6. (Withdrawn) The composition according to claim 2, wherein said at least one linking group is chosen from single bonds and urea, urethane, thiourea, thiourethane, thioether, thioester, ester, ether and amine groups.

7. (Withdrawn) The composition according to claim 6, wherein said at least one linking group is an ester group present in a proportion ranging from 15% to 40% of the total number of all ester and hetero atom groups in the at least one structuring polymer.

8. (Withdrawn) The composition according to claim 7, wherein said at least one linking group is an ester group present in a proportion ranging from 20% to 35% of the total number of all ester and hetero atom groups in the at least one structuring polymer.

9. (Withdrawn) The composition according to claim 2, wherein said at least one terminal fatty chain is functionalized.

10. (Withdrawn) The composition according to claim 2, wherein said at least one pendant fatty chain is functionalized.

11. (Withdrawn) The composition according to claim 2, wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 40% to 98% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer.

12. (Withdrawn) The composition according to claim 11, wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 50% to 95% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer.

13. (Withdrawn) The composition according to claim 1, wherein said at least one structuring polymer has a weight-average molecular mass of less than 100,000.

14. (Withdrawn) The composition according to claim 13, wherein said at least one structuring polymer has a weight-average molecular mass of less than 50,000.

15. (Withdrawn) The composition according to claim 14, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 30,000.

16. (Withdrawn) The composition according to claim 15, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 20,000.

17. (Withdrawn) The composition according to claim 16, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 10,000.

18. (Withdrawn) The composition according to claim 1, wherein said at least one hydrocarbon based repeating unit comprises from 2 to 80 carbon atoms.

19. (Withdrawn) The composition according to claim 18, wherein said at least one hydrocarbon based repeating unit comprises from 2 to 60 carbon atoms.

20. (Withdrawn) The composition according to claim 1, wherein said at least one hydrocarbon based repeating unit is chosen from saturated and unsaturated hydrocarbon-based units which are chosen from linear hydrocarbon-based repeating units, branched hydrocarbon-based repeating units and cyclic hydrocarbon-based repeating units.

21. (Withdrawn) The composition according to claim 1, wherein said at least one hetero atom of said at least one hydrocarbon-based repeating unit is chosen from nitrogen, sulphur, and phosphorus.

22. (Withdrawn) The composition according to claim 21, wherein said at least one hetero atom is a nitrogen atom.

23. (Withdrawn) The composition according to claim 21, wherein said at least one hetero atom is combined with at least one atom chosen from oxygen and carbon to form a hetero atom group.

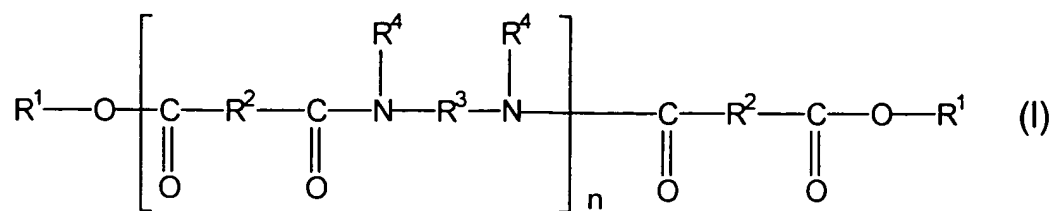
24. (Withdrawn) The composition according to claim 23, wherein said at least one hetero atom group further comprises a carbonyl group.

25. (Withdrawn) The composition according to claim 23, wherein said at least one hetero atom group is chosen from amide groups, carbamate groups, and urea groups.

26. (Withdrawn) The composition according to claim 25, wherein said at least one hetero atom group is an amide group and said polymer skeleton is a polyamide skeleton.

27. (Withdrawn) The composition according to claim 25, wherein said at least one hetero atom group is chosen from carbamate groups and urea groups and said polymer skeleton is chosen from a polyurethane skeleton, a polyurea skeleton and a polyurethane-polyurea skeleton.

28. (Withdrawn) The composition according to claim 1, wherein said at least one structuring polymer is chosen from polyamide polymers of formula (I):



in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;

- R<sup>1</sup>, which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;

- R<sup>2</sup>, which are identical or different, are each chosen from C<sub>4</sub> to C<sub>42</sub> hydrocarbon-based groups with the proviso that at least 50% of all R<sup>2</sup> are chosen from C<sub>30</sub> to C<sub>42</sub> hydrocarbon-based groups;

- R<sup>3</sup>, which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms, with the proviso that R<sup>3</sup> comprises at least 2 carbon atoms; and

- R<sup>4</sup>, which are identical or different, are each chosen from hydrogen atoms, C<sub>1</sub> to C<sub>10</sub> alkyl groups and a direct bond to at least one group chosen from R<sup>3</sup> and another R<sup>4</sup> such that when said at least one group is chosen from another R<sup>4</sup>, the nitrogen atom to which both R<sup>3</sup> and R<sup>4</sup> are bonded forms part of a heterocyclic structure defined in part by R<sup>4</sup>-N-R<sup>3</sup>, with the proviso that at least 50% of all R<sup>4</sup> are chosen from hydrogen atoms.

29. (Withdrawn) The composition according to claim 28, wherein in said formula (I), n is an integer ranging from 1 to 5.

30. (Withdrawn) The composition according to claim 29, wherein in said formula (I), n is an integer ranging from 3 to 5.



31. (Withdrawn) The composition according to claim 28, wherein in said formula (I), said alkyl groups of  $R^1$  and said alkenyl groups of  $R^1$  each independently comprise from 4 to 24 carbon atoms.

32. (Withdrawn) The composition according to claim 31, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{12}$  to  $C_{22}$  alkyl groups.

33. (Withdrawn) The composition according to claim 32, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{16}$  to  $C_{22}$  alkyl groups.

34. (Withdrawn) The composition according to claim 28, wherein in said formula (I),  $R^2$ , which are identical or different, are each chosen from  $C_{10}$  to  $C_{42}$  hydrocarbon based groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

35. (Withdrawn) The composition according to claim 34, wherein at least 75% of all  $R^2$ , which are identical or different, are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

36. (Withdrawn) The composition according to claim 28, wherein in said formula (I),  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{36}$  hydrocarbon-based groups and polyoxyalkylene groups.

37. (Withdrawn) The composition according to claim 36, wherein  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{12}$  hydrocarbon-based groups.

38. (Withdrawn) The composition according to claim 28, wherein in said formula (I),  $R^4$ , which can be identical or different, are each chosen from hydrogen atoms.

39. (Withdrawn) The composition according to claim 28, wherein said at least one polymer of formula (I) is in the form of a mixture of polymers, wherein said mixture optionally also comprises a compound of formula (I) wherein  $n$  is equal to zero.

40. (Withdrawn) The composition according to claim 1, wherein said at least one structuring polymer has a softening point greater than 50°C.

41. (Withdrawn) The composition according to claim 40, wherein said at least one structuring polymer has a softening point ranging from 65°C to 190°C.

42. (Withdrawn) The composition according to claim 41, wherein said at least one structuring polymer has a softening point ranging from 70°C to 130°C.

43. (Withdrawn) The composition according to claim 42, wherein said at least one structuring polymer has a softening point ranging from 80°C to 105°C.

44. (Withdrawn) The composition according to claim 1, wherein said at least one structuring polymer is present in the composition in an amount ranging from 0.5% to 80% by weight relative to the total weight of the composition.

45. (Withdrawn) The composition according to claim 44, wherein said at least one structuring polymer is present in the composition in an amount ranging from 2% to 60% by weight relative to the total weight of the composition.

46. (Withdrawn) The composition according to claim 45, wherein said at least one structuring polymer is present in the composition in an amount ranging from 5% to 40% by weight relative to the total weight of the composition.

47. (Withdrawn) The composition according to claim 1, wherein said composition has a hardness ranging from 30 to 300 g.

48. (Withdrawn) The composition according to claim 47, wherein said composition has a hardness ranging from 30 to 250 g.

49. (Withdrawn) The composition according to claim 48, wherein said composition has a hardness ranging from 30 to 200 g.

50. (Withdrawn) The composition according to claim 1, wherein said at least one liquid fatty phase of the composition comprises at least one oil.

51. (Withdrawn) The composition according to claim 50, wherein said at least one oil is chosen from at least one polar oil and at least one apolar oil.

52. (Withdrawn) The composition according to claim 51, wherein said at least one polar oil is chosen from:

- hydrocarbon-based plant oils with a high content of triglycerides comprising fatty acid esters of glycerol in which the fatty acids comprise chains having from 4 to 24 carbon atoms, said chains optionally being chosen from linear and branched, and saturated and unsaturated chains;

- synthetic oils or esters of formula  $R_5COOR_6$  in which  $R_5$  is chosen from linear and branched fatty acid residues comprising from 1 to 40 carbon atoms and  $R_5 + R_6 \geq 10$ ;

- synthetic ethers containing from 10 to 40 carbon atoms;
- $C_8$  to  $C_{26}$  fatty alcohols; and
- $C_8$  to  $C_{26}$  fatty acids.

53. (Withdrawn) The composition according to claim 51, wherein said at least one apolar oil is chosen from:

- silicone oils chosen from volatile and non-volatile, linear and cyclic polydimethylsiloxanes that are liquid at room temperature;
- polydimethylsiloxanes comprising alkyl or alkoxy groups which are pendant and/or at the end of the silicone chain, the groups each containing from 2 to 24 carbon atoms;
- phenylsilicones; and
- hydrocarbons chosen from linear and branched, volatile and non-volatile hydrocarbons of synthetic and mineral origin.

54. (Withdrawn) The composition according to claim 1, wherein said at least one liquid fatty phase comprises at least one non-volatile oil.

55. (Withdrawn) The composition according to claim 54, wherein said at least one non-volatile oil is chosen from hydrocarbon-based oils of mineral, plant and synthetic origin, synthetic esters and ethers, and silicone oils.

56. (Withdrawn) The composition according to claim 1, wherein said at least one liquid fatty phase is present in an amount ranging from 1% to 99% by weight relative to the total weight of the composition.

57. (Withdrawn) The composition according to claim 56, wherein said at least one liquid fatty phase is present in an amount ranging from 5% to 95.5% by weight relative to the total weight of the composition.

58. (Withdrawn) The composition according to claim 57, wherein said at least one liquid fatty phase is present in an amount ranging from 10% to 80% by weight relative to the total weight of the composition.

59. (Withdrawn) The composition according to claim 58, wherein said at least one liquid fatty phase is present in an amount ranging from 20% to 75% by weight relative to the total weight of the composition.

60. (Withdrawn) The composition according to claim 1, wherein said at least one liquid fatty phase comprises at least one volatile solvent chosen from hydrocarbon-based solvents and silicone solvents optionally comprising alkyl or alkoxy groups that are pendant or at the end of a silicone chain.

61. (Withdrawn) The composition according to claim 60, wherein said at least one volatile solvent is present in an amount up to 95.5% relative to the total weight of the composition.

62. (Withdrawn) The composition according to claim 61, wherein said at least one volatile solvent is present in an amount ranging from 2% to 75% relative to the total weight of the composition.

63. (Withdrawn) The composition according to claim 62, wherein said at least one volatile solvent is present in an amount ranging from 10% to 45% relative to the total weight of the composition.

64. (Withdrawn) The composition according to claim 1, further comprising at least one gum.

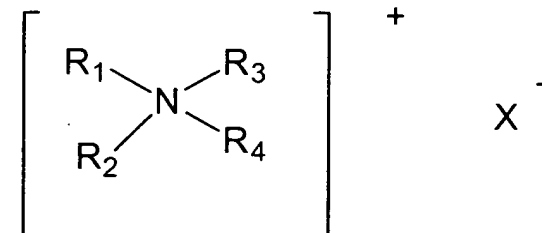
65. (Withdrawn) The composition according to claim 64, wherein said at least one gum is chosen from alkylated guar gums.

66. (Withdrawn) The composition according to claim 1, wherein said at least one oil-soluble cationic surfactant is chosen from quaternary ammonium compounds and fatty amines.

67. (Withdrawn) The composition according to claim 66, wherein said quaternary ammonium compounds are chosen from salts of quaternary ammonium compounds.

68. (Withdrawn) The composition according to claim 66, wherein said fatty amines are chosen from salts of fatty amines.

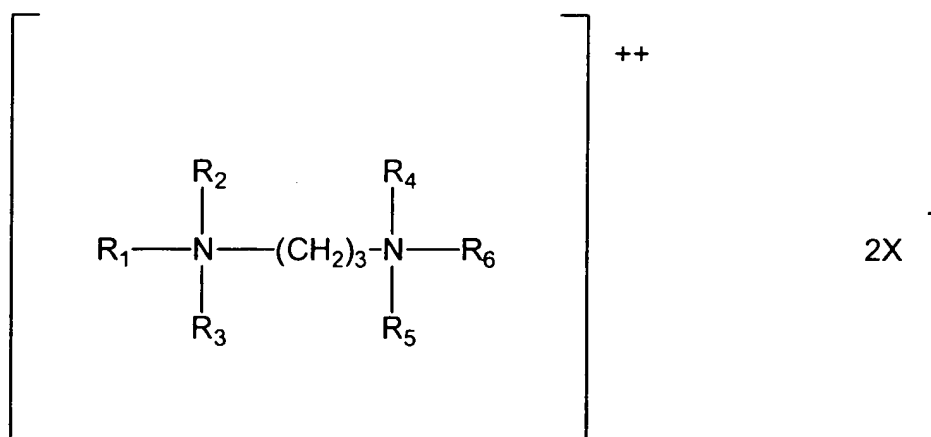
69. (Withdrawn) The composition according to claim 66, wherein said quaternary ammonium compounds are chosen from quaternary ammonium salts of the formula



wherein  $R_1$ ,  $R_2$ ,  $R_3$ , and  $R_4$  are each independently chosen from an aliphatic group of from 1 to 22 carbon atoms,  $C_1$ - $C_3$  alkyls, hydroxyalkyls, polyalkoxys, aromatic groups having from 12 to 22 carbon atoms, aryl groups having from 12 to 22 carbon atoms, and alkylaryl groups having from 12 to 22 carbon atoms; and

$X$  is chosen from halogen, acetate, phosphate, nitrate, and alkylsulfate radicals.

70. (Withdrawn) The composition according to claim 66, wherein said quaternary ammonium compounds are chosen from quaternary ammonium salts of the formula



wherein R<sub>1</sub> is an aliphatic group having from 16 to 22 carbon atoms; R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub>, R<sub>5</sub>, and R<sub>6</sub> are independently chosen from hydrogen and alkyl having from 1 to 4 carbon atoms; and X is chosen from halogens, acetates, phosphates, nitrates, and alkyl sulfate radicals.

71. (Withdrawn) The composition according to claim 70, wherein said quaternary ammonium salt is tallow propane diammonium dichloride.

72. (Withdrawn) The composition according to claim 67, wherein said salts of quaternary ammonium compounds are chosen from dialkyldimethyl-ammonium chlorides; ditallowdimethyl ammonium chloride; ditallowdimethyl ammonium methyl sulfate; dihexadecyl dimethyl ammonium chloride; di(hydrogenated tallow) dimethyl ammonium chloride; dioctadecyl dimethyl ammonium chloride; dieicosyl dimethyl ammonium chloride; didocosyl dimethyl ammonium chloride; di(hydrogenated tallow) dimethyl ammonium acetate; dihexadecyl dimethyl ammonium chloride, dihexadecyl dimethyl ammonium acetate; ditallow dipropyl ammonium phosphate; ditallow dimethyl ammonium nitrate; di(coconutalkyl) dimethyl ammonium chloride; dicetyl dimethyl ammonium chloride; stearyl dimethyl benzyl ammonium chloride; behenyl trimethyl ammonium chloride; and di-(hydrogenated tallow) dimethyl ammonium chloride.

73. (Withdrawn) The composition according to claim 66, wherein said fatty amines are chosen from salts of primary fatty amines, secondary fatty amines, and tertiary fatty amines.

74. (Withdrawn) The composition according to claim 66, wherein said fatty amines comprise alkyl groups having from 12 to 22 carbon atoms.

75. (Withdrawn) The composition according to claim 74, wherein said fatty amines are substituted.

76. (Withdrawn) The composition according to claim 66, wherein said fatty amines are chosen from stearamido propyl dimethyl amine, diethyl amino ethyl stearamide, dimethyl stearamine, dimethyl soyamine, soyamine, tridecyl amine, ethyl stearylamine, ethoxylated stearylamine, dihydroxyethyl stearylamine, and arachidylbehenylamine.

77. (Withdrawn) The composition according to claim 68, wherein said salts of fatty amines are chosen from halogens, acetates, phosphates, nitrates, citrates, lactates, and alkyl sulfates.

78. (Withdrawn) The composition according to claim 77, wherein said salts of fatty amines are chosen from stearylamine hydrochloride, soyamine chloride, stearylamine formate, N-tallowpropane diaminedichloride, and stearamidopropyl dimethylamine citrate.

79. (Withdrawn) The composition according to claim 66, wherein said quaternary ammonium compounds are chosen from quaternary imidazolinium compounds.

80. (Withdrawn) The composition according to claim 79, wherein said quaternary imidazolinium compounds are chosen from

1-methyl-1-[(stearoylamide)ethyl]-2-heptadecyl-4,5-dihydroimidazolinium chloride,

1-methyl-1-[(palmitoylamide)ethyl]-2-octadecyl-4,5-dihydroimidazolinium chloride and

1-methyl-1-[(tallowamide)-ethyl]-2-tallow-imidazolinium methyl sulfate.

81. (Withdrawn) The composition according to claim 1, wherein said at least one oil-soluble cationic surfactant is lauryl methyl gluceth-10-hydroxypropyl dimmonium chloride.



82. (Withdrawn) The composition according to claim 1, wherein said at least one oil-soluble cationic surfactant is present in an amount ranging from 0.1% to 10% by weight of the total weight of said composition.

83. (Withdrawn) The composition according to claim 82, wherein said at least one oil-soluble cationic surfactant is present in an amount ranging from 0.1% to 5.0% by weight relative to the weight of the composition.

84. (Withdrawn) The composition according to claim 83, wherein said at least one oil-soluble cationic surfactant is present in an amount ranging from 0.5% to 2.0% by weight relative to the weight of the composition.

85. (Withdrawn) The composition according to claim 1, wherein the composition is in a form chosen from a fluid gel, rigid gel, fluid simple emulsion, rigid simple emulsion, fluid multiple emulsion, and rigid multiple emulsion.

86. (Withdrawn) The composition according to claim 1, wherein said composition is a solid.

87. (Withdrawn) The composition according to claim 86, wherein said composition is a solid chosen from molded and poured sticks.

88. (Withdrawn) The composition according to claim 1, further comprising at least one fatty alcohol.

89. (Withdrawn) The composition according to claim 88, wherein said at least one fatty alcohol is chosen from C<sub>8</sub> to C<sub>26</sub> fatty alcohols.

90. (Withdrawn) The composition according to claim 89, wherein said at least one fatty alcohol is chosen from C<sub>12</sub> to C<sub>20</sub> fatty alcohols.

91. (Withdrawn) The composition according to claim 90, wherein said C<sub>12</sub> to C<sub>20</sub> fatty alcohols are chosen from myristyl alcohol, cetyl alcohol, stearyl alcohol and behenyl alcohol.

92. (Withdrawn) The composition according to claim 88, wherein the at least one fatty alcohol is present in a concentration ranging from 0.1% to 15.0% by weight, relative to the weight of the composition

93. (Withdrawn) The composition according to claim 92 wherein the at least one fatty alcohol is present in a concentration ranging from 0.5% to 10.0% by weight, relative to the weight of the composition.

94. (Withdrawn) The composition according to claim 93 wherein the at least one fatty alcohol is present in a concentration ranging from 0.5% to 8.0% by weight, relative to the weight of the composition.

95. (Withdrawn) The composition according to claim 1, further comprising at least one oil-soluble polymer.

96. (Withdrawn) The composition according to claim 95, wherein said at least one oil-soluble polymer is chosen from alkylated guar gums and alkyl celluloses.

97. (Withdrawn) The composition according to claim 95 wherein the at least one oil-soluble polymer is present in a concentration ranging from 0.05% to 10% by weight, relative to the weight of the composition.

98. (Withdrawn) The composition according to claim 97, wherein the at least one oil-soluble polymer is present in a concentration ranging from 0.1% to 5% by weight, relative to the weight of the composition.

99. (Withdrawn) The composition according to claim 98, wherein the at least one oil-soluble polymer is present in a concentration ranging from 0.1% to 3% by weight, relative to the weight of the composition.

100. (Withdrawn) A composition according to claim 1, further comprising at least one oil-soluble ester.

101. (Withdrawn) The composition according to claim 100 wherein the at least one oil-soluble ester comprises at least one free hydroxy group.

102. (Withdrawn) The composition according to claim 100 wherein the at least one oil-soluble ester is not castor oil.

103. (Withdrawn) The composition according to claim 100 wherein the at least one oil-soluble ester is present in a concentration ranging from 10% to 84% by weight, relative to the weight of the composition.

104. (Withdrawn) The composition according to claim 103 wherein the at least one oil-soluble ester is present in a concentration ranging from 20% to 70% by weight, relative to the weight of the composition.

105. (Withdrawn) The composition according to claim 1, further comprising at least one wax.

106. (Withdrawn) The composition according to claim 105, wherein said at least one wax is chosen from carnauba wax, candelilla wax, ouricury wax, Japan wax, cork fiber wax, sugar cane wax, paraffin waxes, lignite wax, microcrystalline waxes, lanolin wax, montan wax, polyethylene waxes, waxes obtained by Fischer-Tropsch synthesis, silicone waxes, ozokerites, hydrogenated jojoba oil, fatty acid esters, and fatty acid ester glycerides.

107. (Withdrawn) The composition according to claim 105, wherein said at least one wax is present at a concentration of up to 3% relative to the total weight of said composition.

108. (Withdrawn) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer, wherein said at least one structuring polymer is at least one polyamide polymer comprising:

a polymer skeleton which comprises at least one amide repeating unit;

and

(ii) at least one oil-soluble cationic surfactant.

109. (Withdrawn) The composition according to claim 108, wherein said at least one polyamide polymer further comprises at least one of:

at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

at least one pendant fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group.

110. (Withdrawn) The composition according to claim 109, wherein said alkyl chains and said alkenyl chains each comprise at least four carbon atoms.

111. (Withdrawn) The composition according to claim 110, wherein said alkyl chains and said alkenyl chains each comprise from 8 to 120 carbon atoms.

112. (Withdrawn) The composition according to claim 111, wherein said alkyl chains and said alkenyl chains each comprise from 12 to 68 carbon atoms.

113. (Withdrawn) The composition according to claim 109, wherein said at least one linking group is chosen from single bonds and urea, urethane, thiourea, thiourethane, thioether, thioester, ester, ether and amine groups.

114. (Withdrawn) The composition according to claim 113, wherein said at least one linking group is an ester group present in a proportion ranging from 15% to 40% of the total number of all ester and amide groups in the at least one polyamide polymer.

115. (Withdrawn) The composition according to claim 114, wherein said at least one linking group is an ester group present in a proportion ranging from 20% to 35% of the total number of all ester and amide groups in the at least one polyamide polymer.

116. (Withdrawn) The composition according to claim 109, wherein said at least one terminal fatty chain is functionalized.

117. (Withdrawn) The composition according to claim 109, wherein said at least one pendant fatty chain is functionalized.

118. (Withdrawn) The composition according to claim 109, wherein in said at least one polyamide polymer, the percentage of the total number of fatty chains ranges from 40% to 98% relative to the total number of all amide units and fatty chains in the at least one polyamide polymer.

119. (Withdrawn) The composition according to claim 118, wherein in said at least one polyamide polymer, the percentage of the total number of fatty chains ranges from 50% to 95% relative to the total number of all amide units and fatty chains in the at least one polyamide polymer.

120. (Withdrawn) The composition according to claim 108, wherein said at least one polyamide polymer has a weight-average molecular mass of less than 100,000.

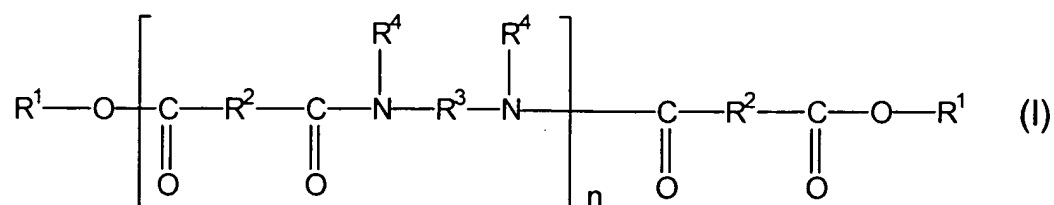
121. (Withdrawn) The composition according to claim 120, wherein said at least one polyamide polymer has a weight-average molecular mass of less than 50,000.

122. (Withdrawn) The composition according to claim 121, wherein said at least one polyamide polymer has a weight-average molecular mass ranging from 1000 to 30,000.

123. (Withdrawn) The composition according to claim 122, wherein said at least one polyamide polymer has a weight-average molecular mass ranging from 2000 to 20,000.

124. (Withdrawn) The composition according to claim 123, wherein said at least one polyamide polymer has a weight-average molecular mass ranging from 2000 to 10,000.

125. (Withdrawn) The composition according to claim 108, wherein said at least one polyamide polymer is chosen from polyamide polymers of formula (I):



in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;

-  $R^1$ , which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;

-  $R^2$ , which are identical or different, are each chosen from  $C_4$  to  $C_{42}$  hydrocarbon-based groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon-based groups;

-  $R^3$ , which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms with the proviso that  $R^3$  comprises at least 2 carbon atoms; and

-  $R^4$ , which are identical or different, are each chosen from hydrogen atoms,  $C_1$  to  $C_{10}$  alkyl groups and a direct bond to at least one group chosen from  $R^3$  and another  $R^4$  such that when said at least one group is chosen from another  $R^4$ , the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined in part by  $R^4$ -N- $R^3$ , with the proviso that at least 50% of all  $R^4$  are chosen from hydrogen atoms.

126. (Withdrawn) The composition according to claim 125, wherein in said formula (I),  $n$  is an integer ranging from 1 to 5.

127. (Withdrawn) The composition according to claim 126, wherein in said formula (I),  $n$  is an integer ranging from 3 to 5.

128. (Withdrawn) The composition according to claim 125, wherein in said formula (I), said alkyl groups of  $R^1$  and said alkenyl groups of  $R^1$  each independently comprise from 4 to 24 carbon atoms.

129. (Withdrawn) The composition according to claim 128, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{12}$  to  $C_{22}$  alkyl groups.

130. (Withdrawn) The composition according to claim 129, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{16}$  to  $C_{22}$  alkyl groups.

131. (Withdrawn) The composition according to claim 125, wherein in said formula (I),  $R^2$ , which are identical or different, are each chosen from  $C_{10}$  to  $C_{42}$  hydrocarbon based groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

132. (Withdrawn) The composition according to claim 131, wherein at least 75% of all  $R^2$ , which are identical or different, are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

133. (Withdrawn) The composition according to claim 125, wherein in said formula (I),  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{36}$  hydrocarbon-based groups and polyoxyalkylene groups.

134. (Withdrawn) The composition according to claim 133, wherein  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{12}$  hydrocarbon-based groups.

135. (Withdrawn) The composition according to claim 125, wherein in said formula (I),  $R^4$ , which can be identical or different, are each chosen from hydrogen atoms.

136. (Withdrawn) The composition according to claim 125, wherein said at least one polymer of formula (I) is in the form of a mixture of polymers, wherein said mixture optionally also comprises a compound of formula (I) wherein n is equal to zero.

137. (Withdrawn) The composition according to claim 108, wherein said at least one polyamide polymer is chosen from polymers resulting from at least one polycondensation reaction between at least one dicarboxylic acid comprising at least 32



carbon atoms and at least one amine chosen from diamines comprising at least 2 carbon atoms and triamines comprising at least 2 carbon atoms.

138. (Withdrawn) The composition according to claim 137, wherein said at least one dicarboxylic acid comprises from 32 to 44 carbon atoms and said at least one amine comprises from 2 to 36 carbon atoms.

139. (Withdrawn) The composition according to claim 138, wherein said at least one dicarboxylic acid is chosen from dimers of at least one fatty acid comprising at least 16 carbon atoms.

140. (Withdrawn) The composition according to claim 139, wherein said at least one fatty acid is chosen from oleic acid, linoleic acid and linolenic acid.

141. (Withdrawn) The composition according to claim 137, wherein said at least one amine is chosen from ethylenediamine, hexylenediamine, hexamethylenediamine, phenylenediamine and ethylenetriamine.

142. (Withdrawn) The composition according to claim 108, wherein said at least one polyamide polymer is chosen from polymers comprising at least one terminal carboxylic acid group.

143. (Withdrawn) The composition according to claim 142, wherein said at least one terminal carboxylic acid group is esterified with at least one alcohol chosen from monoalcohols comprising at least 4 carbon atoms.

144. (Withdrawn) The composition according to claim 108, wherein said at least one polyamide polymer is chosen from:

- polymers chosen from mixtures of copolymers derived from monomers of (i) C<sub>36</sub> diacids and (ii) ethylenediamine, and having a weight-average molecular mass of about 6000;

- polyamide polymers resulting from the condensation of at least one aliphatic dicarboxylic acid and at least one diamine, the carbonyl and amine groups being condensed via an amide bond; and

- polyamide resins from vegetable sources.

145. (Withdrawn) The composition according to claim 108, wherein said at least one polyamide polymer has a softening point greater than 50°C.

146. (Withdrawn) The composition according to claim 145, wherein said at least one polyamide polymer has a softening point ranging from 65°C to 190°C.

147. (Withdrawn) The composition according to claim 146, wherein said at least one polyamide polymer has a softening point ranging from 70°C to 130°C.

148. (Withdrawn) The composition according to claim 147, wherein said at least one polyamide polymer has a softening point ranging from 80°C to 105°C.

149. (Withdrawn) The composition according to claim 108, wherein said at least one polyamide polymer is present in the composition in an amount ranging from 0.5% to 80% by weight relative to the total weight of the composition.

150. (Withdrawn) The composition according to claim 149, wherein said at least one polyamide polymer is present in the composition in an amount ranging from 2% to 60% by weight relative to the total weight of the composition.

151. (Withdrawn) The composition according to claim 150, wherein said at least one polyamide polymer is present in the composition in an amount ranging from 5% to 40% by weight relative to the total weight of the composition.

152. (Withdrawn) The composition according to claim 108, wherein said composition has a hardness ranging from 30 to 300 g.

153. (Withdrawn) The composition according to claim 152, wherein said composition has a hardness ranging from 30 to 250 g.

154. (Withdrawn) The composition according to claim 153, wherein said composition has a hardness ranging from 30 to 200 g.

155. (Withdrawn) The composition according to claim 108, wherein said at least one liquid fatty phase of the composition comprises at least one oil.

156. (Withdrawn) The composition according to claim 155, wherein said at least one oil is chosen from at least one polar oil and at least one apolar oil.

157. (Withdrawn) The composition according to claim 156, wherein said at least one polar oil is chosen from:

- hydrocarbon-based plant oils with a high content of triglycerides comprising fatty acid esters of glycerol in which the fatty acids comprise chains having from 4 to 24 carbon atoms, said chains optionally being chosen from linear and branched, and saturated and unsaturated chains;
- synthetic oils or esters of formula  $R_5COOR_6$  in which  $R_5$  is chosen from linear and branched fatty acid residues comprising from 1 to 40 carbon atoms and  $R_5 + R_6 \geq 10$ ;
- synthetic ethers containing from 10 to 40 carbon atoms;
- $C_8$  to  $C_{26}$  fatty alcohols; and
- $C_8$  to  $C_{26}$  fatty acids.

158. (Withdrawn) The composition according to claim 156, wherein said at least one apolar oil is chosen from:

- silicone oils chosen from volatile and non-volatile, linear and cyclic polydimethylsiloxanes that are liquid at room temperature;

- polydimethylsiloxanes comprising alkyl or alkoxy groups which are pendant and/or at the end of the silicone chain, the groups each containing from 2 to 24 carbon atoms;

- phenylsilicones; and

- hydrocarbons chosen from linear and branched, volatile and non-volatile hydrocarbons of synthetic and mineral origin.

159. (Withdrawn) The composition according to claim 108, wherein said at least one liquid fatty phase comprises at least one non-volatile oil.

160. (Withdrawn) The composition according to claim 159, wherein said at least one non-volatile oil is chosen from hydrocarbon-based oils of mineral, plant and synthetic origin, synthetic esters and ethers, and silicone oils.

161. (Withdrawn) The composition according to claim 108, wherein said at least one liquid fatty phase is present in an amount ranging from 1% to 99% by weight relative to the total weight of the composition.

162. (Withdrawn) The composition according to claim 161, wherein said at least one liquid fatty phase is present in an amount ranging from 5% to 95.5% by weight relative to the total weight of the composition.

163. (Withdrawn) The composition according to claim 162, wherein said at least one liquid fatty phase is present in an amount ranging from 10% to 80% by weight relative to the total weight of the composition.

164. (Withdrawn) The composition according to claim 163, wherein said at least one liquid fatty phase is present in an amount ranging from 20% to 75% by weight relative to the total weight of the composition.

165. (Withdrawn) The composition according to claim 108, wherein said at least one liquid fatty phase comprises at least one volatile solvent chosen from hydrocarbon-based solvents and silicone solvents optionally comprising alkyl or alkoxy groups that are pendant or at the end of a silicone chain.

166. (Withdrawn) The composition according to claim 165, wherein said at least one volatile solvent is present in an amount up to 95.5% relative to the total weight of the composition.

167. (Withdrawn) The composition according to claim 166, wherein said at least one volatile solvent is present in an amount ranging from 2% to 75% relative to the total weight of the composition.

168. (Withdrawn) The composition according to claim 167, wherein said at least one volatile solvent is present in an amount ranging from 10% to 45% relative to the total weight of the composition.

169. (Withdrawn) The composition according to claim 108, wherein said composition further comprises at least one additional fatty material.

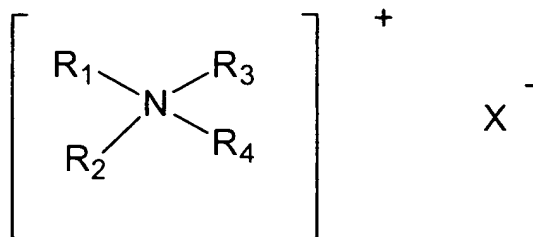
170. (Withdrawn) The composition according to claim 169, wherein said at least one additional fatty material is chosen from gums, fatty materials pasty at ambient temperature, and resins.

171. (Withdrawn) The composition according to claim 108, wherein said at least one oil-soluble cationic surfactant is chosen from quaternary ammonium compounds and fatty amines.

172. (Withdrawn) The composition according to claim 171, wherein said quaternary ammonium compounds are chosen from salts of quaternary ammonium compounds.

173. (Withdrawn) The composition according to claim 171, wherein said fatty amines are chosen from salts of fatty amines.

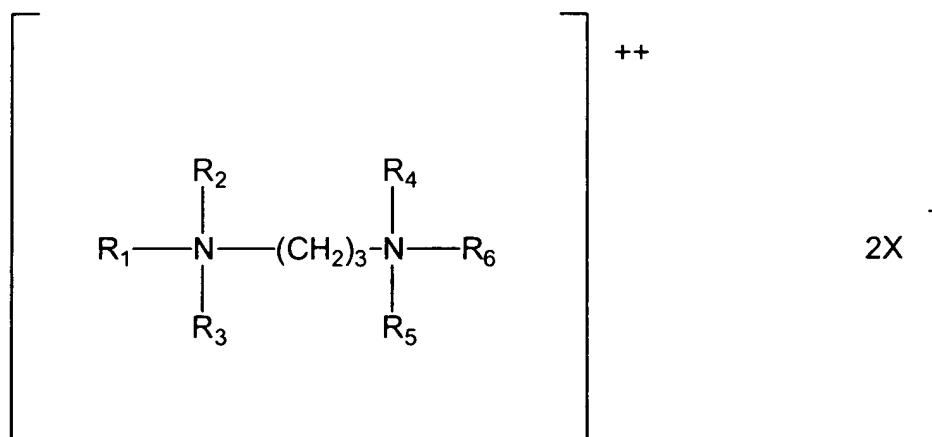
174. (Withdrawn) The composition according to claim 171, wherein said quaternary ammonium compounds are chosen from quaternary ammonium salts of the formula



wherein  $R_1$ ,  $R_2$ ,  $R_3$ , and  $R_4$  are each independently chosen from an aliphatic group of from 1 to 22 carbon atoms,  $C_1$ - $C_3$  alkyls, hydroxyalkyls, polyalkoxys, aromatic groups having from 12 to 22 carbon atoms, aryl groups having from 12 to 22 carbon atoms, and alkylaryl groups having from 12 to 22 carbon atoms; and

$X$  is chosen from halogen, acetate, phosphate, nitrate, and alkylsulfate radicals.

175. (Withdrawn) The composition according to claim 171, wherein said quaternary ammonium compounds are chosen from quaternary ammonium salts of the formula



wherein R<sub>1</sub> is an aliphatic group having from 16 to 22 carbon atoms; R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub>, R<sub>5</sub>, and R<sub>6</sub> are independently chosen from hydrogen and alkyl having from 1 to 4 carbon atoms; and X is chosen from halogens, acetates, phosphates, nitrates, and alkyl sulfate radicals.

176. (Withdrawn) The composition according to claim 175, wherein said quaternary ammonium salt is tallow propane diammonium dichloride.

177. (Withdrawn) The composition according to claim 172, wherein said salts of quaternary ammonium compounds are chosen from dialkyldimethyl-ammonium chlorides; ditallowdimethyl ammonium chloride; ditallowdimethyl ammonium methyl sulfate; dihexadecyl dimethyl ammonium chloride; di(hydrogenated tallow) dimethyl ammonium chloride; dioctadecyl dimethyl ammonium chloride; dieicosyl dimethyl ammonium chloride; didocosyl dimethyl ammonium chloride; di(hydrogenated tallow) dimethyl ammonium acetate; dihexadecyl dimethyl ammonium chloride, dihexadecyl dimethyl ammonium acetate; ditallow dipropyl ammonium phosphate; ditallow dimethyl ammonium nitrate; di(coconutalkyl) dimethyl ammonium chloride; dicetyl dimethyl ammonium chloride; stearyl dimethyl benzyl ammonium chloride; behenyl trimethyl ammonium chloride; and di-(hydrogenated tallow) dimethyl ammonium chloride.

178. (Withdrawn) The composition according to claim 171, wherein said fatty amines are chosen from salts of primary fatty amines, secondary fatty amines, and tertiary fatty amines.

179. (Withdrawn) The composition according to claim 171, wherein said fatty amines comprise alkyl groups having from 12 to 22 carbon atoms.

180. (Withdrawn) The composition according to claim 179, wherein said fatty amines are substituted.

181. (Withdrawn) The composition according to claim 171, wherein said fatty amines are chosen from stearamido propyl dimethyl amine, diethyl amino ethyl stearamide, dimethyl stearamine, dimethyl soyamine, soyamine, tridecyl amine, ethyl stearylamine, ethoxylated stearylamine, dihydroxyethyl stearylamine, and arachidylbehenylamine.

182. (Withdrawn) The composition according to claim 173, wherein said salts of fatty amines are chosen from halogens, acetates, phosphates, nitrates, citrates, lactates, and alkyl sulfates.

183. (Withdrawn) The composition according to claim 182, wherein said salts of fatty amines are chosen from stearylamine hydrochloride, soyamine chloride, stearylamine formate, N-tallowpropane diaminedichloride, and stearamidopropyl dimethylamine citrate.

184. (Withdrawn) The composition according to claim 171, wherein said quaternary ammonium compounds are chosen from quaternary imidazolinium compounds.

185. (Withdrawn) The composition according to claim 184, wherein said quaternary imidazolinium compounds are chosen from

1-methyl-1-[(stearoylamide)ethyl]-2-heptadecyl-4,5-dihydroimidazolinium chloride,

1-methyl-1-[(palmitoylamide)ethyl]-2-octadecyl-4,5-dihydroimidazolinium chloride and

1-methyl-1-[(tallowamide)-ethyl]-2-tallow-imidazolinium methyl sulfate.

186. (Withdrawn) The composition according to claim 108, wherein said at least one oil-soluble cationic surfactant is lauryl methyl gluceth-10-hydroxypropyl dimmonium chloride.



187. (Withdrawn) The composition according to claim 108, wherein said at least one oil-soluble cationic surfactant is present in an amount ranging from 0.1% to 10% by weight of the total weight of said composition.

188. (Withdrawn) The composition according to claim 187, wherein said at least one oil-soluble cationic surfactant is present in an amount ranging from 0.1% to 5.0% by weight relative to the weight of the composition.

189. (Withdrawn) The composition according to claim 188, wherein said at least one oil-soluble cationic surfactant is present in an amount ranging from 0.5% to 2.0% by weight relative to the weight of the composition.

190. (Withdrawn) The composition according to claim 108, wherein the composition is in a form chosen from a fluid gel, rigid gel, fluid simple emulsion, rigid simple emulsion, fluid multiple emulsion, and rigid multiple emulsion.

191. (Withdrawn) The composition according to claim 108, wherein said composition is a solid.

192. (Withdrawn) The composition according to claim 191, wherein said composition is a solid chosen from molded and poured sticks.

193. (Withdrawn) The composition according to claim 108, further comprising at least one fatty alcohol.

194. (Withdrawn) The composition according to claim 193, wherein said at least one fatty alcohol is chosen from C<sub>8</sub> to C<sub>26</sub> fatty alcohols.

195. (Withdrawn) The composition according to claim 194, wherein said at least one fatty alcohol is chosen from C<sub>12</sub> to C<sub>20</sub> fatty alcohols.

196. (Withdrawn) The composition according to claim 195, wherein said C<sub>12</sub> to C<sub>20</sub> fatty alcohols are chosen from myristyl alcohol, cetyl alcohol, stearyl alcohol and behenyl alcohol.

197. (Withdrawn) The composition according to claim 193 wherein the at least one fatty alcohol is present in a concentration ranging from 0.1% to 15.0% by weight, relative to the weight of the composition.

198. (Withdrawn) The composition according to claim 197 wherein the at least one fatty alcohol is present in a concentration ranging from 0.5% to 10.0% by weight, relative to the weight of the composition.

199. (Withdrawn) The composition according to claim 198 wherein the at least one fatty alcohol is present in a concentration ranging from 0.5% to 8.0% by weight, relative to the weight of the composition.

200. (Withdrawn) The composition according to claim 108, further comprising at least one oil-soluble polymer.

201. (Withdrawn) The composition according to claim 200, wherein said at least one oil-soluble polymer is chosen from alkylated guar gums and alkyl celluloses.

202. (Withdrawn) The composition according to claim 200 wherein the at least one oil-soluble polymer is present in a concentration ranging from 0.05% to 10% by weight, relative to the weight of the composition.

203. (Withdrawn) The composition according to claim 202 wherein the at least one oil-soluble polymer is present in a concentration ranging from 0.1% to 5% by weight, relative to the weight of the composition.

204. (Withdrawn) The composition according to claim 203 wherein the at least one oil-soluble polymer is present in a concentration ranging from 0.1% to 3% by weight, relative to the weight of the composition.

205. (Withdrawn) A composition according to claim 108, further comprising at least one oil-soluble ester.

206. (Withdrawn) The composition according to claim 205 wherein the at least one oil-soluble ester comprises at least one free hydroxy group.

207. (Withdrawn) The composition according to claim 205 wherein the at least one oil-soluble ester is not castor oil.

208. (Withdrawn) The composition according to claim 205 wherein the at least one oil-soluble ester is present in a concentration ranging from 10% to 84% by weight, relative to the weight of the composition.

209. (Withdrawn) The composition according to claim 208 wherein the at least one oil-soluble ester is present in a concentration ranging from 20% to 70% by weight, relative to the weight of the composition.

210. (Withdrawn) The composition according to claim 108, further comprising at least one wax.

211. (Withdrawn) The composition according to claim 210, wherein said at least one wax is chosen from carnauba wax, candelilla wax, ouricury wax, Japan wax, cork fiber wax, sugar cane wax, paraffin waxes, lignite wax, microcrystalline waxes, lanolin wax, montan wax, polyethylene waxes, waxes obtained by Fischer-Tropsch synthesis, silicone waxes, ozokerites, hydrogenated jojoba oil, fatty acid esters, and fatty acid ester glycerides.

212. (Withdrawn) The composition according to claim 210, wherein said at least one wax is present at a concentration of up to 3% relative to the total weight of said composition.

213. (Withdrawn) An anhydrous composition comprising at least one liquid fatty phase which comprises:

- (i) at least one structuring polymer comprising:  
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and
- (ii) at least one oil-soluble cationic surfactant.

214. (Withdrawn) The anhydrous composition according to claim 213, wherein said at least one structuring polymer further comprises at least one of:

at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

at least one pendant fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group.

215. (Withdrawn) The anhydrous composition according to claim 214, wherein said alkyl chains and said alkenyl chains each comprise at least four carbon atoms.

216. (Withdrawn) The anhydrous composition according to claim 215, wherein said alkyl chains and said alkenyl chains each comprise from 8 to 120 carbon atoms.

217. (Withdrawn) The anhydrous composition according to claim 216, wherein said alkyl chains and said alkenyl chains each comprise from 12 to 68 carbon atoms.

218. (Withdrawn) The anhydrous composition according to claim 214, wherein said at least one linking group is chosen from single bonds and urea, urethane, thiourea, thiourethane, thioether, thioester, ester, ether and amine groups.

219. (Withdrawn) The anhydrous composition according to claim 218, wherein said at least one linking group is an ester group present in a proportion ranging from 15% to 40% of the total number of all ester and hetero atom groups in the at least one structuring polymer.

220. (Withdrawn) The anhydrous composition according to claim 219, wherein said at least one linking group is an ester group present in a proportion ranging from 20% to 35% of the total number of all ester and hetero atom groups in the at least one structuring polymer.

221. (Withdrawn) The anhydrous composition according to claim 214, wherein said at least one terminal fatty chain is functionalized.

222. (Withdrawn) The anhydrous composition according to claim 214, wherein said at least one pendant fatty chain is functionalized.

223. (Withdrawn) The anhydrous composition according to claim 214, wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 40% to 98% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer.

224. (Withdrawn) The anhydrous composition according to claim 223, wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 50% to 95% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer.

225. (Withdrawn) The anhydrous composition according to claim 213, wherein said at least one structuring polymer has a weight-average molecular mass of less than 100,000.

226. (Withdrawn) The anhydrous composition according to claim 225, wherein said at least one structuring polymer has a weight-average molecular mass of less than 50,000.

227. (Withdrawn) The anhydrous composition according to claim 226, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 30,000.

228. (Withdrawn) The anhydrous composition according to claim 227, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 20,000.

229. (Withdrawn) The anhydrous composition according to claim 228, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 10,000.

230. (Withdrawn) The anhydrous composition according to claim 213, wherein said at least one hydrocarbon based repeating unit comprises from 2 to 80 carbon atoms.

231. (Withdrawn) The anhydrous composition according to claim 230, wherein said at least one hydrocarbon based repeating unit comprises from 2 to 60 carbon atoms.

232. (Withdrawn) The anhydrous composition according to claim 213, wherein said at least one hydrocarbon based repeating unit is chosen from saturated and unsaturated hydrocarbon-based units which are chosen from linear hydrocarbon-based

repeating units, branched hydrocarbon-based repeating units and cyclic hydrocarbon-based repeating units.

233. (Withdrawn) The anhydrous composition according to claim 213, wherein said at least one hetero atom of said at least one hydrocarbon-based repeating unit is chosen from nitrogen, sulphur, and phosphorus.

234. (Withdrawn) The anhydrous composition according to claim 233, wherein said at least one hetero atom is a nitrogen atom.

235. (Withdrawn) The anhydrous composition according to claim 233, wherein said at least one hetero atom is combined with at least one atom chosen from oxygen and carbon to form a hetero atom group.

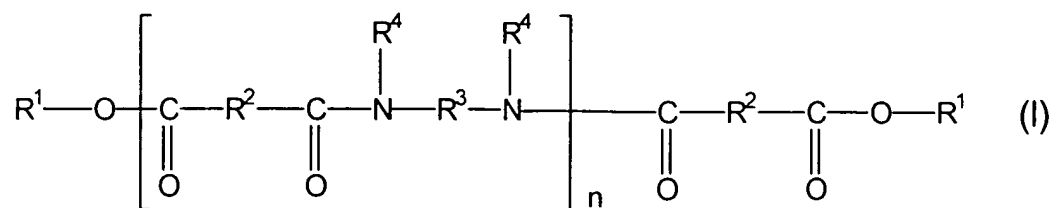
236. (Withdrawn) The anhydrous composition according to claim 235, wherein said at least one hetero atom group further comprises a carbonyl group.

237. (Withdrawn) The anhydrous composition according to claim 235, wherein said at least one hetero atom group is chosen from amide groups, carbamate groups, and urea groups.

238. (Withdrawn) The anhydrous composition according to claim 237, wherein said at least one hetero atom group is an amide group and said polymer skeleton is a polyamide skeleton.

239. (Withdrawn) The anhydrous composition according to claim 237, wherein said at least one hetero atom group is chosen from carbamate groups and urea groups and said polymer skeleton is chosen from a polyurethane skeleton, a polyurea skeleton and a polyurethane-polyurea skeleton.

240. (Withdrawn) The anhydrous composition according to claim 213, wherein said at least one structuring polymer is chosen from polyamide polymers of formula (I):



in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;
- R<sup>1</sup>, which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;
- R<sup>2</sup>, which are identical or different, are each chosen from C<sub>4</sub> to C<sub>42</sub> hydrocarbon-based groups with the proviso that at least 50% of all R<sup>2</sup> are chosen from C<sub>30</sub> to C<sub>42</sub> hydrocarbon-based groups;
- R<sup>3</sup>, which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms, with the proviso that R<sup>3</sup> comprises at least 2 carbon atoms; and
- R<sup>4</sup>, which are identical or different, are each chosen from hydrogen atoms, C<sub>1</sub> to C<sub>10</sub> alkyl groups and a direct bond to at least one group chosen from R<sup>3</sup> and another R<sup>4</sup> such that when said at least one group is chosen from another R<sup>4</sup>, the nitrogen atom to which both R<sup>3</sup> and R<sup>4</sup> are bonded forms part of a heterocyclic structure defined in part by R<sup>4</sup>-N-R<sup>3</sup>, with the proviso that at least 50% of all R<sup>4</sup> are chosen from hydrogen atoms.

241. (Withdrawn) The anhydrous composition according to claim 240, wherein in said formula (I), n is an integer ranging from 1 to 5.



242. (Withdrawn) The anhydrous composition according to claim 241, wherein in said formula (I),  $n$  is an integer ranging from 3 to 5.

243. (Withdrawn) The anhydrous composition according to claim 240, wherein in said formula (I), said alkyl groups of  $R^1$  and said alkenyl groups of  $R^1$  each independently comprise from 4 to 24 carbon atoms.

244. (Withdrawn) The anhydrous composition according to claim 243, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{12}$  to  $C_{22}$  alkyl groups.

245. (Withdrawn) The anhydrous composition according to claim 244, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{16}$  to  $C_{22}$  alkyl groups.

246. (Withdrawn) The anhydrous composition according to claim 240, wherein in said formula (I),  $R^2$ , which are identical or different, are each chosen from  $C_{10}$  to  $C_{42}$  hydrocarbon based groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

247. (Withdrawn) The anhydrous composition according to claim 246, wherein at least 75% of all  $R^2$ , which are identical or different, are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

248. (Withdrawn) The anhydrous composition according to claim 240, wherein in said formula (I),  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{36}$  hydrocarbon-based groups and polyoxyalkylene groups.

249. (Withdrawn) The anhydrous composition according to claim 248, wherein  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{12}$  hydrocarbon-based groups.

250. (Withdrawn) The anhydrous composition according to claim 240, wherein in said formula (I),  $R^4$ , which can be identical or different, are each chosen from hydrogen atoms.

251. (Withdrawn) The anhydrous composition according to claim 250, wherein said at least one polymer of formula (I) is in the form of a mixture of polymers, wherein said mixture optionally also comprises a compound of formula (I) wherein n is equal to zero.

252. (Withdrawn) The anhydrous composition according to claim 213, wherein said at least one structuring polymer has a softening point greater than 50°C.

253. (Withdrawn) The anhydrous composition according to claim 252, wherein said at least one structuring polymer has a softening point ranging from 65°C to 190°C.

254. (Withdrawn) The anhydrous composition according to claim 253, wherein said at least one structuring polymer has a softening point ranging from 70°C to 130°C.

255. (Withdrawn) The anhydrous composition according to claim 254, wherein said at least one structuring polymer has a softening point ranging from 80°C to 105°C.

256. (Withdrawn) The anhydrous composition according to claim 213, wherein said at least one structuring polymer is present in the composition in an amount ranging from 0.5% to 80% by weight relative to the total weight of the composition.

257. (Withdrawn) The anhydrous composition according to claim 256, wherein said at least one structuring polymer is present in the composition in an amount ranging from 2% to 60% by weight relative to the total weight of the composition.

258. (Withdrawn) The anhydrous composition according to claim 257, wherein said at least one structuring polymer is present in the composition in an amount ranging from 5% to 40% by weight relative to the total weight of the composition.

259. (Withdrawn) The anhydrous composition according to claim 213, wherein said composition has a hardness ranging from 30 to 300 g.

260. (Withdrawn) The anhydrous composition according to claim 259, wherein said composition has a hardness ranging from 30 to 250 g.

261. (Withdrawn) The anhydrous composition according to claim 260, wherein said composition has a hardness ranging from 30 to 200 g.

262. (Withdrawn) The anhydrous composition according to claim 213, wherein said at least one liquid fatty phase of the composition comprises at least one oil.

263. (Withdrawn) The anhydrous composition according to claim 262, wherein said at least one oil is chosen from at least one polar oil and at least one apolar oil.

264. (Withdrawn) The anhydrous composition according to claim 263, wherein said at least one polar oil is chosen from:

- hydrocarbon-based plant oils with a high content of triglycerides comprising fatty acid esters of glycerol in which the fatty acids comprise chains having from 4 to 24 carbon atoms, said chains optionally being chosen from linear and branched, and saturated and unsaturated chains;
- synthetic oils or esters of formula  $R_5COOR_6$  in which  $R_5$  is chosen from linear and branched fatty acid residues comprising from 1 to 40 carbon atoms and  $R_5 + R_6 \geq 10$ ;
- synthetic ethers containing from 10 to 40 carbon atoms;
- $C_8$  to  $C_{26}$  fatty alcohols; and
- $C_8$  to  $C_{26}$  fatty acids.

265. (Withdrawn) The anhydrous composition according to claim 263, wherein said at least one apolar oil is chosen from:

- silicone oils chosen from volatile and non-volatile, linear and cyclic polydimethylsiloxanes that are liquid at room temperature;
- polydimethylsiloxanes comprising alkyl or alkoxy groups which are pendant and/or at the end of the silicone chain, the groups each containing from 2 to 24 carbon atoms;
- phenylsilicones; and
- hydrocarbons chosen from linear and branched, volatile and non-volatile hydrocarbons of synthetic and mineral origin.

266. (Withdrawn) The anhydrous composition according to claim 213, wherein said at least one liquid fatty phase comprises at least one non-volatile oil.

267. (Withdrawn) The anhydrous composition according to claim 266, wherein said at least one non-volatile oil is chosen from hydrocarbon-based oils of mineral, plant and synthetic origin, synthetic esters and ethers, and silicone oils.

268. (Withdrawn) The anhydrous composition according to claim 213, wherein said at least one liquid fatty phase is present in an amount ranging from 1% to 99% by weight relative to the total weight of the composition.

269. (Withdrawn) The anhydrous composition according to claim 268, wherein said at least one liquid fatty phase is present in an amount ranging from 5% to 95.5% by weight relative to the total weight of the composition.

270. (Withdrawn) The anhydrous composition according to claim 269 wherein said at least one liquid fatty phase is present in an amount ranging from 10% to 80% by weight relative to the total weight of the composition.

271. (Withdrawn) The anhydrous composition according to claim 270, wherein said at least one liquid fatty phase is present in an amount ranging from 20% to 75% by weight relative to the total weight of the composition.

272. (Withdrawn) The anhydrous composition according to claim 213, wherein said at least one liquid fatty phase comprises at least one volatile solvent chosen from hydrocarbon-based solvents and silicone solvents optionally comprising alkyl or alkoxy groups that are pendant or at the end of a silicone chain.

273. (Withdrawn) The anhydrous composition according to claim 272, wherein said at least one volatile solvent is present in an amount up to 95.5% relative to the total weight of the composition.

274. (Withdrawn) The anhydrous composition according to claim 273, wherein said at least one volatile solvent is present in an amount ranging from 2% to 75% relative to the total weight of the composition.

275. (Withdrawn) The anhydrous composition according to claim 274, wherein said at least one volatile solvent is present in an amount ranging from 10% to 45% relative to the total weight of the composition.

276. (Withdrawn) The anhydrous composition according to claim 213, wherein said composition further comprises at least one additional fatty material.

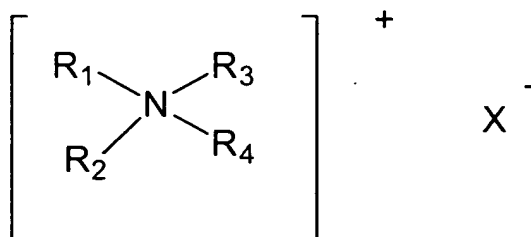
277. (Withdrawn) The anhydrous composition according to claim 276, wherein said at least one additional fatty material is chosen from gums, fatty materials pasty at ambient temperature, and resins.

278. (Withdrawn) The anhydrous composition according to claim 213, wherein said at least one oil-soluble cationic surfactant is chosen from quaternary ammonium compounds and fatty amines.

279. (Withdrawn) The anhydrous composition according to claim 278, wherein said quaternary ammonium compounds are chosen from salts of quaternary ammonium compounds.

280. (Withdrawn) The anhydrous composition according to claim 278, wherein said fatty amines are chosen from salts of fatty amines.

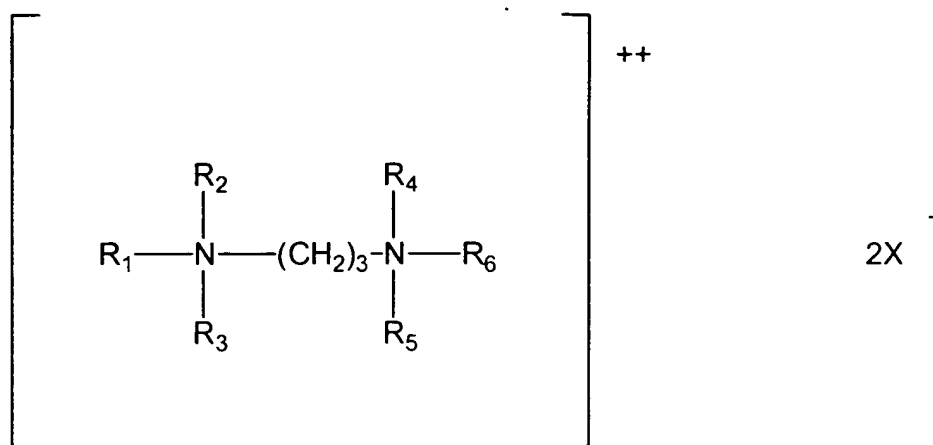
281. (Withdrawn) The anhydrous composition according to claim 278, wherein said quaternary ammonium compounds are chosen from quaternary ammonium salts of the formula



wherein  $R_1$ ,  $R_2$ ,  $R_3$ , and  $R_4$  are each independently chosen from an aliphatic group of from 1 to 22 carbon atoms,  $C_1$ - $C_3$  alkyls, hydroxyalkyls, polyalkoxys, aromatic groups having from 12 to 22 carbon atoms, aryl groups having from 12 to 22 carbon atoms, and alkylaryl groups having from 12 to 22 carbon atoms; and

$X$  is chosen from halogen, acetate, phosphate, nitrate, and alkylsulfate radicals.

282. (Withdrawn) The anhydrous composition according to claim 278, wherein said quaternary ammonium compounds are chosen from quaternary ammonium salts of the formula



wherein R<sub>1</sub> is an aliphatic group having from 16 to 22 carbon atoms; R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub>, R<sub>5</sub>, and R<sub>6</sub> are independently chosen from hydrogen and alkyl having from 1 to 4 carbon atoms; and X is chosen from halogens, acetates, phosphates, nitrates, and alkyl sulfate radicals.

283. (Withdrawn) The anhydrous composition according to claim 282, wherein said quaternary ammonium salt is tallow propane diammonium dichloride.

284. (Withdrawn) The anhydrous composition according to claim 279, wherein said salts of quaternary ammonium compounds are chosen from dialkyldimethylammonium chlorides; ditallowdimethyl ammonium chloride; ditallowdimethyl ammonium methyl sulfate; dihexadecyl dimethyl ammonium chloride; di(hydrogenated tallow) dimethyl ammonium chloride; dioctadecyl dimethyl ammonium chloride; dieicosyl dimethyl ammonium chloride; didocosyl dimethyl ammonium chloride; di(hydrogenated tallow) dimethyl ammonium acetate; dihexadecyl dimethyl ammonium chloride, dihexadecyl dimethyl ammonium acetate; ditallow dipropyl ammonium phosphate; ditallow dimethyl ammonium nitrate; di(coconutalkyl) dimethyl ammonium chloride; dicetyl dimethyl ammonium chloride; stearyl dimethyl benzyl ammonium chloride; behenyl trimethyl ammonium chloride; and di-(hydrogenated tallow) dimethyl ammonium chloride.

285. (Withdrawn) The anhydrous composition according to claim 278, wherein said fatty amines are chosen from salts of primary fatty amines, secondary fatty amines, and tertiary fatty amines.

286. (Withdrawn) The anhydrous composition according to claim 278, wherein said fatty amines comprise alkyl groups having from 12 to 22 carbon atoms.

287. (Withdrawn) The anhydrous composition according to claim 286, wherein said fatty amines are substituted.

288. (Withdrawn) The anhydrous composition according to claim 278, wherein said fatty amines are chosen from stearamido propyl dimethyl amine, diethyl amino ethyl stearamide, dimethyl stearamine, dimethyl soyamine, soyamine, tridecyl amine, ethyl stearylamine, ethoxylated stearylamine, dihydroxyethyl stearylamine, and arachidylbehenylamine.

289. (Withdrawn) The anhydrous composition according to claim 280, wherein said salts of fatty amines are chosen from halogens, acetates, phosphates, nitrates, citrates, lactates, and alkyl sulfates.

290. (Withdrawn) The anhydrous composition according to claim 289, wherein said salts of fatty amines are chosen from stearylamine hydrochloride, soyamine chloride, stearylamine formate, N-tallowpropane diaminedichloride, and stearamidopropyl dimethylamine citrate.

291. (Withdrawn) The anhydrous composition according to claim 278, wherein said quaternary ammonium compounds are chosen from quaternary imidazolinium compounds.

292. (Withdrawn) The anhydrous composition according to claim 291, wherein said quaternary imidazolinium compounds are chosen from



1-methyl-1-[(stearoylamide)ethyl]-2-heptadecyl-4,5-dihydroimidazolinium chloride,

1-methyl-1-[(palmitoylamide)ethyl]-2-octadecyl-4,5-dihydroimidazolinium chloride and

1-methyl-1-[(tallowamide)-ethyl]-2-tallow-imidazolinium methyl sulfate.

293. (Withdrawn) The anhydrous composition according to claim 213, wherein said at least one oil-soluble cationic surfactant is lauryl methyl gluceth-10-hydroxypropyl dimmonium chloride.

294. (Withdrawn) The anhydrous composition according to claim 213, wherein said at least one oil-soluble cationic surfactant is present in an amount ranging from 0.1% to 10% by weight of the total weight of said composition.

295. (Withdrawn) The anhydrous composition according to claim 294, wherein said at least one oil-soluble cationic surfactant is present in an amount ranging from 0.1% to 5.0% by weight relative to the weight of the composition.

296. (Withdrawn) The anhydrous composition according to claim 295, wherein said at least one oil-soluble cationic surfactant is present in an amount ranging from 0.5% to 2.0% by weight relative to the weight of the composition.

297. (Withdrawn) The anhydrous composition according to claim 213, wherein the composition is in a form chosen from a fluid gel, rigid gel, fluid simple emulsion, rigid simple emulsion, fluid multiple emulsion, and rigid multiple emulsion.

298. (Withdrawn) The anhydrous composition according to claim 213, wherein said composition is a solid.

299. (Withdrawn) The anhydrous composition according to claim 298, wherein said composition is a solid chosen from molded and poured sticks.

300. (Withdrawn) The composition according to claim 213, further comprising at least one fatty alcohol.

301. (Withdrawn) The composition according to claim 300, wherein said at least one fatty alcohol is chosen from C<sub>8</sub> to C<sub>26</sub> fatty alcohols.

302. (Withdrawn) The composition according to claim 301, wherein said at least one fatty alcohol is chosen from C<sub>12</sub> to C<sub>20</sub> fatty alcohols.

303. (Withdrawn) The composition according to claim 302, wherein said C<sub>12</sub> to C<sub>20</sub> fatty alcohols are chosen from myristyl alcohol, cetyl alcohol, stearyl alcohol and behenyl alcohol.

304. (Withdrawn) The composition according to claim 300, wherein the at least one fatty alcohol is present in a concentration ranging from 0.1% to 15.0% by weight, relative to the weight of the composition.

305. (Withdrawn) The composition according to claim 304 wherein the at least one fatty alcohol is present in a concentration ranging from 0.5% to 10.0% by weight, relative to the weight of the composition.

306. (Withdrawn) The composition according to claim 305 wherein the at least one fatty alcohol is present in a concentration ranging from 0.5% to 8.0% by weight, relative to the weight of the composition.

307. (Withdrawn) The composition according to claim 213, further comprising at least one oil-soluble polymer.

308. (Withdrawn) The composition according to claim 307, wherein said at least one oil-soluble polymer is chosen from alkylated guar gums and alkyl celluloses.

309. (Withdrawn) The composition according to claim 307 wherein the at least one oil-soluble polymer is present in a concentration ranging from 0.05% to 10% by weight, relative to the weight of the composition.

310. (Withdrawn) The composition according to claim 309 wherein the at least one oil-soluble polymer is present in a concentration ranging from 0.1% to 5% by weight, relative to the weight of the composition.

311. (Withdrawn) The composition according to claim 310 wherein the at least one oil-soluble polymer is present in a concentration ranging from 0.1% to 3% by weight, relative to the weight of the composition.

312. (Withdrawn) A composition according to claim 213, further comprising at least one oil-soluble ester.

313. (Withdrawn) The composition according to claim 312 wherein the at least one oil-soluble ester comprises at least one free hydroxy group.

314. (Withdrawn) The composition according to claim 312 wherein the at least one oil-soluble ester is not castor oil.

315. (Withdrawn) The composition according to claim 312 wherein the at least one oil-soluble ester is present in a concentration ranging from 10% to 84% by weight, relative to the weight of the composition.

316. (Withdrawn) The composition according to claim 315 wherein the at least one oil-soluble ester is present in a concentration ranging from 20% to 70% by weight, relative to the weight of the composition.

317. (Withdrawn) The composition according to claim 213, further comprising at least one wax.

318. (Withdrawn) The anhydrous composition according to claim 317, wherein said at least one wax is chosen from carnauba wax, candelilla wax, ouricury wax, Japan wax, cork fiber wax, sugar cane wax, paraffin waxes, lignite wax, microcrystalline waxes, lanolin wax, montan wax, polyethylene waxes, waxes obtained by Fischer-Tropsch synthesis, silicone waxes, ozokerites, hydrogenated jojoba oil, fatty acid esters, and fatty acid ester glycerides.

319. (Withdrawn) The composition according to claim 317, wherein said at least one wax is present at a concentration of up to 3% relative to the total weight of said composition.

320. (Withdrawn) A composition comprising at least one liquid fatty phase which comprises:

- (i) at least one structuring polymer comprising a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom with the proviso that said at least one hetero atom is not nitrogen; and
- (ii) at least one oil-soluble cationic surfactant.

321. (Original) A mascara, an eyeliner, a foundation, a lipstick, a blusher, a make-up-removing product, a make-up product for the body, an eyeshadow, a face powder, a concealer product, a nail composition, a shampoo, a conditioner, an anti-sun product or a care product for the skin, lips, or hair comprising a composition comprising at least one liquid fatty phase in said mascara, eyeliner, foundation, blusher, lipstick, make-up-removing product, make-up product for the body, eyeshadow, face powder, concealer product, nail composition, shampoo, conditioner, antisun product or care product for the skin, lips, or hair which comprises:

- (i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and  
(ii) at least one oil-soluble cationic surfactant.

322. (Original) The composition according to claim 321, wherein said composition is a solid.

323. (Withdrawn) An anhydrous deodorant comprising:  
at least one liquid fatty phase in said deodorant which comprises:  
(i) at least one structuring polymer comprising:  
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and  
(ii) at least one oil-soluble cationic surfactant.

324. (Withdrawn) The anhydrous deodorant according to claim 323, wherein said anhydrous deodorant is a solid.

325. (Original) A make-up and/or care and/or treatment composition for keratinous fibers comprising:  
at least one liquid fatty phase in said composition which comprises:  
(i) at least one structuring polymer comprising:  
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and  
(ii) at least one oil-soluble cationic surfactant.

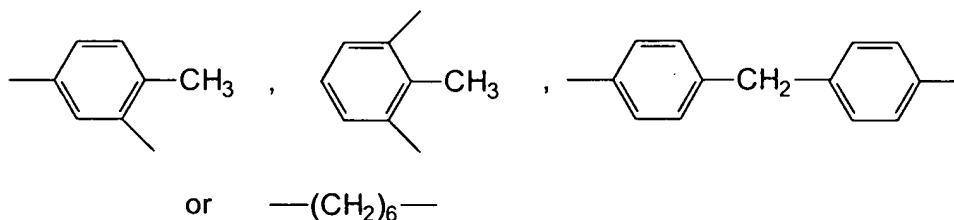
326. (Withdrawn) A lipstick composition in stick form comprising at least one continuous liquid fatty phase, at least one oil-soluble cationic surfactant, and at least one non-waxy structuring polymer having a weight-average molecular mass of less than 100,000 in said lipstick, said at least one continuous liquid fatty phase, said at least one oil-soluble cationic surfactant, and said at least one non-waxy structuring polymer being present in said lipstick composition.

327. (Withdrawn) A composition comprising at least one liquid fatty phase which comprises:

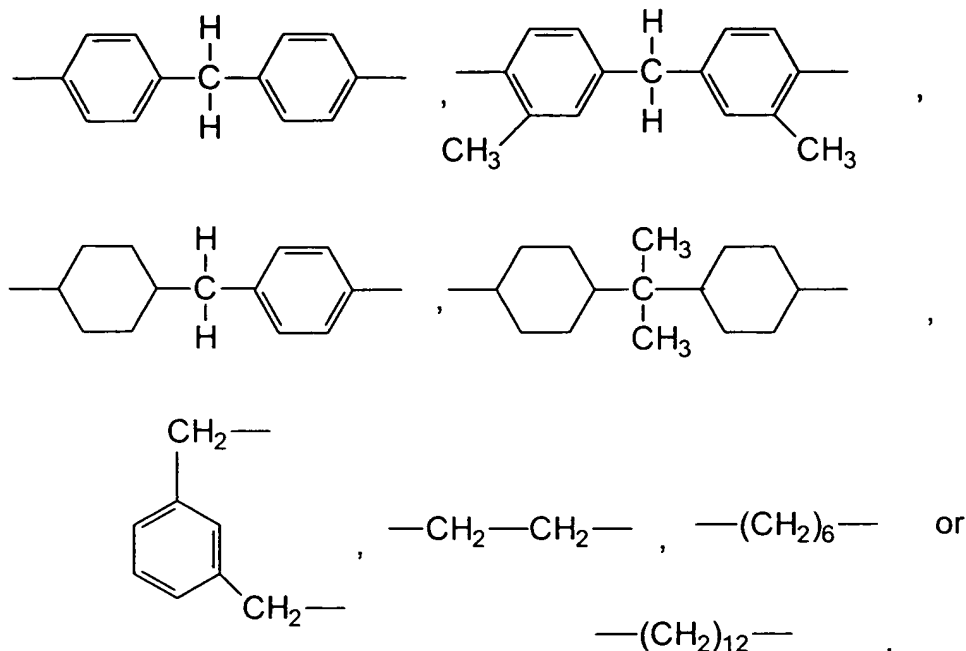
(i) at least one structuring polymer chosen from urea urethanes having the following formula:



wherein R represents  $\text{C}_n\text{H}_{2n+1}-$ , wherein n represents an integer having a value greater than 22 or  $\text{C}_m\text{H}_{2m+1}(\text{OC}_p\text{H}_{2p})_r-$ , wherein m represents an integer having a value of greater than 18, p represents an integer having a value of from 2 to 4, and r represents an integer having a value of from 1 to 10; R' represents:



and R'' represents:



; and

(ii) at least one oil-soluble cationic surfactant.

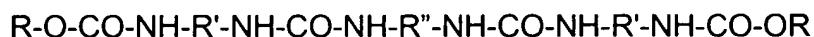
328. (Withdrawn) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

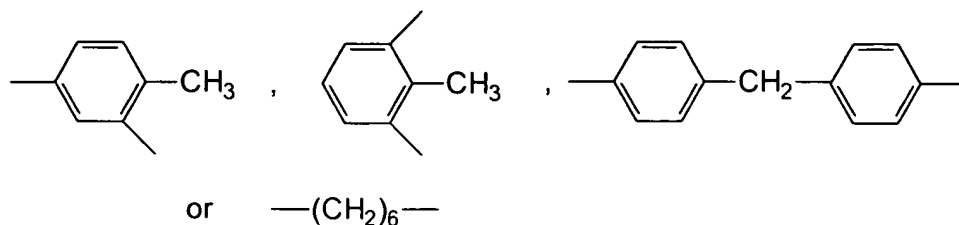
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one oil-soluble cationic surfactant,

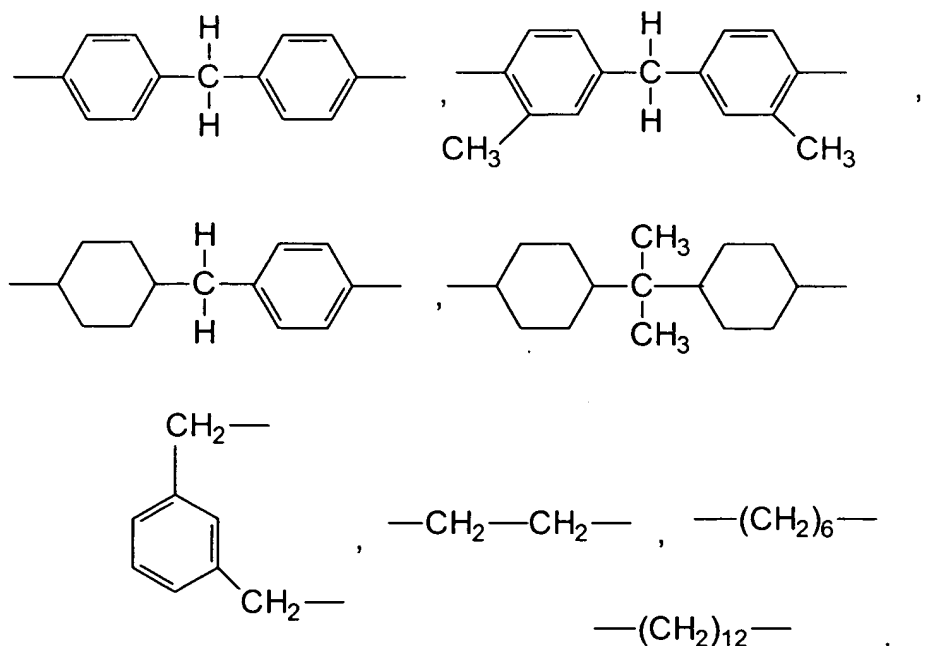
wherein said at least one structuring polymer does not include



wherein R represents  $\text{C}_n\text{H}_{2n+1}\text{—}$  or  $\text{C}_m\text{H}_{2m+1}(\text{C}_p\text{H}_{2p}\text{O})_r\text{—}$ ; n represents an integer having a value of from 4 to 22; m represents an integer having a value of from 1 to 18; p represents an integer having a value of from 2 to 4; and r represents an integer having a value of from 1 to 10; R' represents:



and R'' represents:



329. (Original) A make up, care, or treatment composition for the skin or lips comprising a structured composition comprising at least one liquid fatty phase structured with at least one structuring polymer comprising a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom, at least one oil-soluble cationic surfactant, and at least one coloring agent.

330. (Original) A treatment, care or make-up composition for keratinous fibers comprising a structured composition containing at least one liquid fatty phase structured with at least one structuring polymer comprising a polymer skeleton comprising at least



one hydrocarbon-based repeating unit comprising at least one hetero atom, at least one oil-soluble cationic surfactant, and at least one coloring agent.

331. (Withdrawn) A structured composition comprising at least one liquid fatty phase structured with at least one structuring polymer comprising a polymer skeleton comprising at least one hydrocarbon-based repeating unit comprising at least one hetero atom, wherein the at least one structuring polymer further comprises at least one terminal fatty chain, optionally functionalized, chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group chosen from amides, ureas, and esters, wherein when said at least one linking group is chosen from esters, said at least one terminal fatty chain is chosen from branched alkyl groups and at least one oil-soluble cationic surfactant.

332. (Withdrawn) A composition according to claim 331, wherein said at least one structuring polymer may also comprise at least one pendant fatty chain, optionally functionalized, chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via bonded to any carbon or hetero atom of the polymer skeleton via at least one linking group chosen from amides, ureas, and esters, wherein when said at least one linking group is chosen from esters, said at least one pendant fatty chain is chosen from branched alkyl groups.

333. (Withdrawn) A structured composition comprising at least one liquid fatty phase structured with at least one structuring polymer comprising a polymer skeleton comprising at least one hydrocarbon-based repeating unit comprising at least one hetero atom, wherein the at least one structuring polymer further comprises at least one pendant fatty chain, optionally functionalized, chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group chosen from amides, ureas, and esters, wherein when said at least one linking group is chosen from esters, said at least one pendant fatty

chain is chosen from branched alkyl groups and at least one oil-soluble cationic surfactant.

334. (Original) A method for care, make up, or treatment of a keratin material chosen from lips, skin, and keratinous fibers, comprising applying to said keratin material of a cosmetic composition comprising:

at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one oil-soluble cationic surfactant.

335. (Original) A method for making a cosmetic composition in the form of a physiologically acceptable composition comprising including in said composition

at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one oil-soluble cationic surfactant.

336. (Withdrawn) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

(ii) at least one oil-soluble cationic surfactant.

337. (Original) A method for providing at least one of resistance to shear and stability to a cosmetic composition, comprising including in said cosmetic composition a cosmetic composition at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one oil-soluble cationic surfactant,

and further wherein said at least one structuring polymer and said at least one oil-soluble cationic surfactant are present in a combined amount effective to provide at least one property chosen from resistance to shear and stability.

338. (Original) A make up, care, or treatment composition for the skin or lips comprising a structured composition comprising at least one liquid fatty phase in said make up, care, or treatment composition structured with at least one structuring polymer comprising a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom, and at least one oil-soluble cationic surfactant.

339. (Withdrawn) The composition according to claim 6, wherein said at least one linking group is chosen from urea, ester, and amine groups.

340. (Withdrawn) The composition according to claim 339, wherein said at least one linking group is chosen from ester and amine groups.

341. (Withdrawn) The composition according to claim 113, wherein said at least one linking group is chosen from urea, ester, and amine groups.

342. (Withdrawn) The composition according to claim 341, wherein said at least one linking group is chosen from ester and amine groups.

343. (Withdrawn) The anhydrous composition according to claim 218, wherein said at least one linking group is chosen from urea, ester, and amine groups.

344. (Withdrawn) The anhydrous composition according to claim 343, wherein said at least one linking group is chosen from ester and amine groups.

345. (Withdrawn) A composition comprising at least one liquid fatty phase which comprises:

- (i) at least one structuring polymer comprising:  
a polymer skeleton which comprises at least three hydrocarbon-based repeating units comprising at least one hetero atom; and
- (ii) at least one oil-soluble cationic surfactant.

346. (Withdrawn) A composition according to claim 345, wherein said at least three hydrocarbon-based repeating units are identical.

347. (Previously presented) A mascara, an eyeliner, a foundation, a lipstick, a blusher, a make-up-removing product, a make-up product for the body, an eyeshadow, a face powder, a concealer product, a nail composition, a shampoo, a conditioner, an anti-sun product or a care product for the skin, lips, or hair comprising a composition comprising at least one liquid fatty phase in said mascara, eyeliner, foundation, blusher, lipstick, make-up-removing product, make-up product for the body, eyeshadow, face powder, concealer product, nail composition, shampoo, conditioner, antisun product or care product for the skin, lips, or hair which comprises:

- (i) at least one structuring polymer comprising:  
a polymer skeleton which comprises (1) at least one hydrocarbon-based repeating unit comprising at least one hetero atom and (2) at least one of:  
at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

at least one pendant fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group; and

(ii) at least one oil-soluble cationic surfactant.

PENDING CLAIMS  
Application No. 09/618,066  
Attorney Docket No. 05725.0656-00000  
Filed: July 17, 2000

1. (Previously presented) A structured composition comprising:
  - (a) at least one dyestuff; and
  - (b) at least one continuous liquid fatty phase comprising:
    - (i) at least one structuring polymer which has a weight-average molecular mass ranging from 1000 to 30,000 and comprises:
      - a) a polymeric skeleton comprising repeating units comprising at least one non-pendant hetero atom; and
      - b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one non-pendant hetero atom and all said at least one fatty chains;  
wherein said structured composition is in the form of a wax-free solid,  
wherein said at least one dyestuff is chosen from pigments and nacles; and  
wherein said at least one dyestuff, said at least one continuous liquid fatty phase and said at least one structuring polymer form a physiologically acceptable medium.
2. (Original) A composition according to Claim 1, wherein said composition is self-supporting.
3. (Original) A composition according to Claim 1, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 10,000.

4. (Original) A composition according to Claim 3, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 8,000.

5. (Original) A composition according to Claim 1, wherein said at least one structuring polymer is a solid which is undeformable at room temperature (25°C) and atmospheric pressure (760 mmHg).

6. (Original) A composition according to Claim 1, wherein said at least one structuring polymer is capable of structuring without opacifying said composition.

7. (Original) A composition according to Claim 1, wherein said composition has a hardness ranging from 20 g to 2000 g.

8. (Original) A composition according to Claim 7, wherein said composition has a hardness ranging from 20 g to 900 g.

9. (Original) A composition according to Claim 8, wherein said composition has a hardness ranging from 20 g to 600 g.

10. (Original) A composition according to Claim 1, wherein said at least one fatty chain is present in a quantity ranging from 50% to 95% of the total number of all said repeating units comprising at least one non-pendant hetero atom and all said at least one fatty chains.

11. (Original) A composition according to Claim 1, wherein said repeating units are chosen from hydrocarbon-based repeating units comprising from 2 to 80 carbon atoms.

12. (Original) A composition according to Claim 11, wherein said repeating units are chosen from hydrocarbon-based repeating units comprising from 2 to 60 carbon atoms.

13. (Original) A composition according to Claim 1, wherein said at least one non-pendant hetero atom is chosen from nitrogen atoms, sulfur atoms and phosphorus atoms, optionally substituted with at least one oxygen atom.

14. (Original) A composition according to Claim 1, wherein said repeating units comprising at least one non-pendant hetero atom comprises at least one carbonyl group.

15. (Previously presented) A composition according to Claim 1, wherein said repeating units comprising at least one non-pendant hetero atom are chosen from repeating units comprising hydrocarbon-based repeating units and silicone units which form polyorganosiloxane skeletons, repeating units comprising amide units which form polyamide skeletons, repeating units comprising units which comprise isocyanate groups which form skeletons chosen from polyurethane skeletons, polyurea skeletons and polyurea-urethane skeletons, repeating units comprising carbamate which form skeletons chosen from polyurethane skeletons, polyurea skeletons and polyurea-urethane skeletons, and repeating units comprising urea which form skeletons chosen from polyurethane skeletons, polyurea skeletons and polyurea-urethane skeletons.

16. (Original) A composition according to Claim 15, wherein said repeating units comprising at least one non-pendant hetero atom are chosen from repeating units comprising amide units.

17. (Original) A composition according to Claim 1, wherein said at least one fatty chain is chosen from pendant fatty chains and is bonded directly to at least one of said hetero atoms.



18. (Original) A composition according to Claim 1, wherein said at least one structuring polymer comprises oxyalkylene units between said repeating units.
19. (Original) A composition according to Claim 1, wherein said at least one fatty chain is chosen from terminal fatty chains and is bonded to said polymeric skeleton via ester groups.
20. (Original) A composition according to Claim 1, wherein said at least one fatty chain comprises from 12 to 68 carbon atoms.
21. (Original) A composition according to Claim 1, wherein said at least one structuring polymer is chosen from polymers resulting from at least one polycondensation reaction between at least one dicarboxylic acid comprising at least 32 carbon atoms and at least one diamine comprising at least 2 carbon atoms.
22. (Original) A composition according to Claim 21, wherein said at least one dicarboxylic acid comprises from 32 to 44 carbon atoms.
23. (Original) A composition according to Claim 21, wherein said at least one diamine comprises from 2 to 36 carbon atoms.
24. (Original) A composition according to Claim 21, wherein said at least one dicarboxylic acid is chosen from dimers of at least one fatty acid comprising at least 16 carbon atoms.
25. (Original) A composition according to Claim 24, wherein said at least one fatty acid is chosen from oleic acid, linoleic acid and linolenic acid.
26. (Original) A composition according to Claim 21, wherein said at least one diamine is chosen from ethylenediamine, hexylenediamine, hexamethylenediamine, phenylenediamine and ethylenetriamine.

27. (Original) A composition according to Claim 21, wherein said at least one structuring polymer is chosen from polymers comprising one or two terminal carboxylic acid groups.

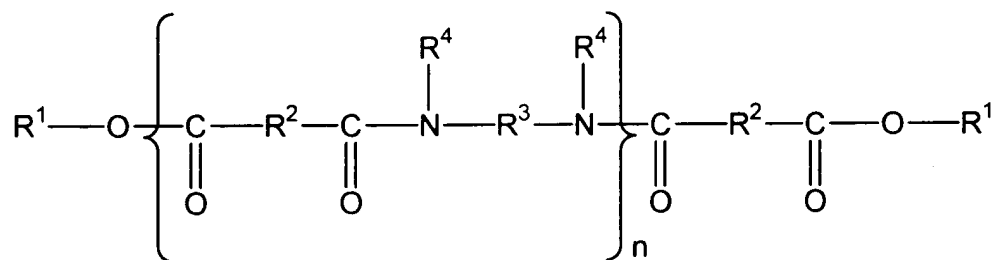
28. (Original) A composition according to Claim 27, wherein said terminal carboxylic acid groups are esterified with at least one alcohol chosen from monoalcohols comprising at least 4 carbon atoms.

29. (Previously presented) A composition according to Claim 28, wherein said at least one alcohol is chosen from monoalcohols comprising from 10 to 36 carbon atoms.

30. (Original) A composition according to Claim 29, wherein said at least one alcohol is chosen from monoalcohols comprising from 12 to 24 carbon atoms.

31. (Original) A composition according to Claim 30, wherein said at least one alcohol is chosen from monoalcohols comprising from 16 to 24 carbon atoms.

32. (Previously presented) A composition according to Claim 1, wherein said at least one structuring polymer is chosen from polymers of formula (I) below and mixtures thereof:



in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one structuring polymer ranges from

10% to 50% of the total number of all said ester groups and all said amide groups comprised in said at least one structuring polymer;

-  $R^1$ , which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;

-  $R^2$ , which are identical or different, are each chosen from  $C_4$  to  $C_{42}$  hydrocarbon-based groups with the proviso that at least 50% of  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon-based groups;

-  $R^3$ , which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms with the proviso that  $R^3$  comprises at least 2 carbon atoms; and

-  $R^4$ , which are identical or different, are each chosen from hydrogen atoms,  $C_1$  to  $C_{10}$  alkyl groups and a direct bond to group chosen from  $R^3$  and another  $R^4$  such that when said at least one group is chosen from another  $R^4$ , the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined in part by  $R^4$ -N- $R^3$ , with the proviso that at least 50% of all  $R^4$  are chosen from hydrogen atoms.

33. (Original) A composition according to Claim 32, wherein said ester groups are present in said at least one structuring polymer in a proportion ranging from 15% to 40% of the total number of all said ester groups and all said amide groups comprised in said at least one structuring polymer.

34. (Original) A composition according to Claim 33, wherein said ester groups are present in said at least one structuring polymer in a proportion ranging from 20% to

35% of the total number of all said ester groups and all said amide groups comprised in said at least one structuring polymer.

35. (Original) A composition according to Claim 32, wherein said  $n$  is an integer ranging from 1 to 5.

36 (Original) A composition according to Claim 32, wherein said  $n$  is equal to zero.

37. (Original) A composition according to Claim 32, wherein said  $R^1$ , which are identical or different, are each chosen from  $C_{12}$  to  $C_{22}$  alkyl groups.

38. (Original) A composition according to Claim 32, wherein said  $R^1$ , which are identical or different, are each chosen from  $C_{16}$  to  $C_{22}$  alkyl groups.

39. (Original) A composition according to Claim 32, wherein said  $R^2$ , which are identical or different, are each chosen from  $C_{10}$  to  $C_{42}$  hydrocarbon-based groups.

40. (Original) A composition according to Claim 32, wherein at least 50% of said  $R^2$ , which are identical or different, are each chosen groups comprising from 30 to 42 carbon atoms and the remaining  $R^2$  are chosen from groups comprising from 4 to 19 carbon atoms.

41. (Original) A composition according to Claim 32, wherein at least 75% of said  $R^2$ , which are identical or different, are each chosen from groups comprising from 30 to 42 carbon atoms and the remaining  $R^2$  are chosen from groups comprising from 4 to 19 carbon atoms.

42. (Original) A composition according to Claim 1, wherein said at least one structuring polymer has a softening point of greater than 70°C.

43. (Original) A composition according to Claim 42, wherein said at least one structuring polymer has a softening point of 70°C to 190°C.

44. (Original) A composition according to Claim 43, wherein said at least one structuring polymer has a softening point of 80°C to 130°C.

45. (Original) A composition according to Claim 44, wherein said at least one structuring polymer has a softening point of 80°C to 105°C.

46. (Cancelled)

47. (Original) A composition according to Claim 46, wherein said HLB value ranges from 1 to 7.

48. (Original) A composition according to Claim 47, wherein said HLB value ranges from 1 to 5.

49. (Original) A composition according to Claim 48, wherein said HLB value ranges from 3 to 5.

50. (Previously presented) A composition according to Claim 46, wherein said at least one amphiphilic compound comprises at least one lipophilic part bonded to at least one polar part.

51. (Original) A composition according to Claim 50, wherein said at least one lipophilic part comprises a carbon-based chain comprising at least 8 carbon atoms.

52. (Original) A composition according to Claim 51, wherein said at least one lipophilic part comprises from 18 to 32 carbon atoms.

53. (Original) A composition according to Claim 52, where said at least one lipophilic part comprises from 18 to 28 carbon atoms.

54. (Original) A composition according to Claim 50, wherein said at least one polar part is chosen from compounds derived from alcohols comprising from 1 to 12 hydroxyl groups, polyol groups comprising from 2 to 12 hydroxyl groups, and polyoxyalkylene groups comprising at least 2 oxyalkylene units.

55. (Original) A composition according to Claim 54, wherein said polyoxyalkylene groups are chosen from polyoxyalkylene groups which comprise from 0 to 20 oxypropylene units and from 0 to 20 oxyethylene units.

56. (Original) A composition according to Claim 46, wherein said at least one amphiphilic compound is chosen from esters.

57. (Original) A composition according to Claim 56, wherein said esters are chosen from hydroxystearates of glycerol, oleates of glycerol, isostearates of glycerol, hydroxystearates of sorbitan, oleates of sorbitan, isostearates of sorbitan, hydroxystearates of methylglucose, oleates of methylglucose, isostearates of methylglucose, hydroxystearates of branched C<sub>12</sub> to C<sub>26</sub> fatty alcohols, oleates of branched C<sub>12</sub> to C<sub>26</sub> fatty alcohols and isostearates of branched C<sub>12</sub> to C<sub>26</sub> fatty alcohols.

58. (Original) A composition according to Claim 57, wherein said branched C<sub>12</sub> to C<sub>26</sub> fatty alcohols are chosen from octyldodecanols.

59. (Original) A composition according to Claim 56, wherein said esters are chosen from monoesters and diesters.

60. (Original) A composition according to Claim 46, wherein said at least one amphiphilic compound is present in a concentration ranging from 0.1% to 35% by weight of the total weight of said composition.

61. (Original) A composition according to Claim 60, wherein said at least one amphiphilic compound is present in a concentration ranging from 2% to 15% by weight of the total weight of said composition.

62. (Original) A composition according to Claim 1, wherein said at least one structuring polymer is present in a concentration ranging from 0.5% to 80% by weight of the total weight of said composition.

63. (Original) A composition according to Claim 62, wherein said at least one structuring polymer is present in a concentration ranging from 5% to 40% by weight of the total weight of said composition.

64. (Previously presented) A composition according to Claim 32, wherein said  $R^3$ , which are identical or different, are each chosen from  $C_2$  to  $C_{36}$  hydrocarbon-based groups and polyoxyalkylene groups.

65. (Previously presented) A composition according to Claim 32, wherein said  $R^3$ , which are identical or different, are each chosen from  $C_2$  to  $C_{12}$  hydrocarbon-based groups and polyoxyalkylene groups.

66. (Original) A composition according to Claim 1, wherein said at least one continuous liquid fatty phase comprises greater than 40% by weight of the total weight of said at least one continuous liquid fatty phase of at least one liquid oil comprising a group similar to that of said repeating units comprising at least one non-pendant hetero atom.

67. (Original) A composition according to Claim 66, wherein said at least one continuous liquid fatty phase comprises greater than 50% by weight of the total weight of said at least one continuous liquid fatty phase of at least one liquid oil comprising a

group similar to that of said repeating units comprising at least one non-pendant hetero atom.

68. (Cancelled)

69. (Original) A composition according to Claim 68, wherein said at least one continuous liquid fatty phase comprises greater than 50% by weight of the total weight of said at least one continuous liquid fatty phase of at least one apolar liquid oil.

70. (Original) A composition according to Claim 1, wherein said at least one continuous liquid fatty phase comprises at least one oil.

71. (Original) A composition according to Claim 70, wherein said at least one oil is chosen hydrocarbon-based oils of mineral origin and hydrocarbon-based oils of synthetic origin.

72. (Original) A composition according to Claim 1, wherein said at least one continuous liquid fatty phase comprises at least one apolar oil.

73. (Original) A composition according to Claim 72, wherein said at least one apolar oil is chosen from parlean oil, isoparaffins and squalane.

74. (Original) A composition according to Claim 1, wherein said at least one continuous liquid fatty phase is present in a concentration ranging from 5% to 99% by weight of the total weight of said composition.

75. (Original) A composition according to Claim 74, wherein said at least one continuous liquid fatty phase is present in a concentration ranging from 20% to 75% by weight of the total weight of said composition.



76. (Original) A composition according to Claim 1, wherein said composition is chosen from compositions used to care for a keratin material, compositions for treating for a keratin material and make-up compositions for a keratin material.

77. (Original) A composition according to Claim 1, further comprising at least one suitable additive chosen from water optionally thickened or gelled with an aqueous-phase thickener or gelling agent, antioxidants, essential oils, preserving agents, fragrances, neutralizing agents, liposoluble polymers, cosmetically active agents and dermatologically active agents.

78. (Original) A composition according to Claim 77, wherein said at least one suitable additive is chosen from cosmetically active agents and dermatologically active agents.

79. (Original) A composition according to Claim 77, wherein said cosmetically active agents and dermatologically active agents are chosen from emollients, moisturizers, vitamins, essential fatty acids and sunscreens.

80. (Original) A composition according to Claim 1 in the form of a transparent anhydrous rigid gel.

81. (Original) A composition according to Claim 80, wherein said transparent anhydrous rigid gel is a transparent anhydrous stick.

82. (Original) A composition according to Claim 1 in the form of a colored make-up product.

83. (Previously presented) A composition according to Claim 82, wherein said composition is chosen from mascaras, eyeliners, foundations, lip compositions, blushes, products for making up the body, eyeshadows, face powders, and concealer products.

84. (Original) A composition according to Claim 83, wherein said composition further provides benefits chosen from care and treatment.

85. (Previously presented) A composition according to Claim 1, wherein said composition further comprises at least one additional dyestuff chosen from lipophilic dyes and hydrophilic dyes.

86. (Original) A composition according to Claim 1, wherein said at least one dyestuff is present in a concentration ranging from 0.01% to 40% by weight relative to the total weight of said composition.

87. (Original) A composition according to Claim 86, wherein said at least one dyestuff is present in a concentration ranging from 1% to 35% by weight relative to the total weight of said composition.

88. (Original) A composition according to Claim 86, wherein said at least one dyestuff is present in a concentration ranging from 5% to 25% by weight relative to the total weight of said composition.

89. (Original) A composition according to Claim 1, wherein said composition further provides benefits chosen from care and treatment.

90. (Previously presented) A dermatological composition for at least one keratin material, a care composition for at least one keratin material, a make-up composition, a body hygiene composition, a sunscreen composition for at least one keratin material, or an after-sun composition for at least one keratin material comprising a composition comprising:

(a) at least one dyestuff; and

(b) at least one continuous liquid fatty phase comprising:

(i) at least one structuring polymer which has a weight-average molecular mass ranging from 1000 to 30,000 and comprises:

a) a polymeric skeleton comprising repeating units comprising at least one non-pendant hetero atom; and

b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one non-pendant hetero atom and all said at least one fatty chains;

wherein said at least one dyestuff is chosen from pigments and nacres; and

wherein said composition is in the form of a structured, wax-free solid.

91. (Original) A composition according to Claim 90, wherein said at least one keratin material is chosen from skin, lips, eyelashes, eyebrows, scalp, nails and hair.

92. (Original) A composition according to Claim 90, wherein said body hygiene composition is in a form chosen from deodorant products and make-up-removing products.

93. (Original) A composition according to Claim 90, wherein said composition is in the form of a stick.

94. (Previously presented) A composition according to Claim 90, wherein said composition is chosen from mascaras, eyeliners, foundations, lip compositions, blushes, deodorant products, make-up-removing products, products for making up the body, eyeshadows, face powders and concealer products.

95. (Original) A make-up composition for at least one keratinous material comprising:

(a) at least one pigment in an amount sufficient to make up at least one keratinous material; and

(b) at least one continuous liquid fatty phase comprising:

(i) at least one structuring polymer which has a weight-average molecular mass ranging from 1000 to 30,000 and comprises:

a) a polymeric skeleton comprising repeating units comprising at least one non-pendant hetero atom; and

b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one non-pendant hetero atom and all said at least one fatty chains;

wherein said composition is in the form of a solid, and

said at least one pigment, said at least one continuous liquid fatty phase and said at least one structuring polymer form a physiologically acceptable medium.

96. (Original) A composition according to Claim 95, wherein said at least one keratinous material is at least one human keratinous material.

97. (Original) A composition according to Claim 96, wherein said at least one human keratinous material is chosen from skin, lips, eyelashes, eyebrows, scalp, nails and hair.

98. (Original) A composition according to Claim 95, wherein said composition is self-supporting.

99. (Original) A composition according to Claim 95, wherein said repeating units comprising at least one non-pendant hetero atom are chosen from amides.

100. (Previously presented) A composition according to Claim 95, wherein said composition is chosen from mascaras, eyeliners, foundations, lip compositions, blushes, products for making up the body, eyeshadows, face powders and concealer products.

101. (Original) A make-up composition for at least one keratinous material comprising:

(a) at least one pigment in an amount sufficient to make up at least one keratinous material; and

(b) at least one continuous liquid fatty phase comprising:

(i) at least one structuring polymer which has a weight-average molecular mass ranging from 1000 to 30,000 and comprises:

a) a polymeric skeleton comprising repeating units comprising at least one non-pendant hetero atom; and

b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one non-pendant hetero atom and all said at least one fatty chains;

wherein said composition is in the form of a solid with a hardness ranging from 20 g to 2000 g, and

said at least one pigment, said at least one continuous liquid fatty phase and said at least one structuring polymer form a physiologically acceptable medium.

102. (Original) A composition according to Claim 101, wherein said composition has a hardness of 20 g to 900 g.

103. (Original) A composition according to Claim 102, wherein said composition has a hardness of 20 g to 600 g.

104. (Original) A composition as claimed in Claim 101, wherein said composition is self-supporting.

105. (Original) A composition according to Claim 101, wherein said repeating units comprising at least one non-pendant hetero atom are chosen from amides.

106. (Original) A composition according to Claim 101, wherein said at least one keratinous material is at least one human keratinous material.

107. (Original) A composition according to Claim 106, wherein said at least one human keratinous material is chosen from skin, lips, eyelashes, eyebrows, scalp, nails and hair.

108. (Original) A composition according to Claim 101, wherein said at least one fatty chain is chosen from terminal fatty chains and is bonded to the carbon-based skeleton via ester groups.

109. (Previously presented) A composition according to Claim 101, wherein said composition is chosen from mascaras, eyeliners, foundations, lip compositions,

blushes, products for making up the body, eyeshadows, face powders, and concealer product.

110. (Previously presented) A lip composition comprising:

(a) at least one pigment in an amount sufficient to make up the lips; and

(b) at least one continuous liquid fatty phase comprising:

(i) at least one structuring polymer which has a weight-average molecular mass ranging from 1000 to 30,000 and comprises:

a) a polymeric skeleton comprising repeating units comprising at least one non-pendant hetero atom; and

b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one non-pendant hetero atom and all said at least one fatty chains;

wherein said composition is in the form of a structured solid; and

wherein said at least one pigment, said at least one continuous liquid fatty phase and said at least one structuring polymer form a physiologically acceptable medium.

111. (Original) A composition according to Claim 110, wherein said composition is a self-supporting composition.

112. (Original) A composition according to Claim 110, wherein said repeating units comprising at least one non-pendant hetero atom are chosen from amides.

113. (Original) A composition according to Claim 110, wherein said at least one fatty chain is chosen from terminal fatty chains and is bonded to the carbon-based skeleton via ester groups.

114. (Cancelled)

115. (Cancelled)

116. (Cancelled)

117. (Cancelled)

118. (Previously presented) A mascara product, eyeliner product, foundation product, lip composition product, blush product, deodorant product, make-up-removing product, product for making up the body, eyeshadow product, face powder product, or concealer product comprising:

(a) at least one pigment in an amount sufficient to make up at least one keratinous material; and

(b) at least one continuous liquid fatty phase comprising:

(i) at least one structuring polymer which has a weight-average molecular mass ranging from 1000 to 30,000 and comprises:

a) a polymeric skeleton comprising repeating units comprising at least one non-pendant hetero atom; and

b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;



wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one non-pendant hetero atom and all said at least one fatty chains;

wherein said product is in the form of a structured solid; and

wherein said at least one pigment, said at least one continuous liquid fatty phase and said at least one structuring polymer form a physiologically acceptable medium.

119. (Original) A product according to Claim 118, wherein said composition is a self-supporting composition.

120. (Original) A product according to Claim 118, wherein said repeating units comprising at least one non-pendant hetero atom are chosen from amides.

121. (Original) A product according to Claim 118, wherein said at least one fatty chain is chosen from terminal fatty chains and is bonded to the carbon-based skeleton via ester groups.

122. (Original) A product according to Claim 118, wherein said at least one keratinous material is at least one human keratinous material.

123. (Original) A product according to Claim 112, wherein said at least one human keratinous material is chosen from skin, lips, eyelashes, eyebrows, scalp, nails and hair.

124. (Previously presented) A make-up stick for at least one keratinous material comprising:

(a) at least one pigment in an amount sufficient to make up at least one keratinous material; and

(b) at least one continuous liquid fatty phase comprising:

(i) at least one structuring polymer which has a weight-average molecular mass ranging from 1000 to 30,000 and comprises:

a) a polymeric skeleton comprising repeating units comprising at least one non-pendant hetero atom; and

b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one non-pendant hetero atom and all said at least one fatty chains; and

wherein said at least one pigment, said at least one continuous liquid fatty phase and said at least one structuring polymer form a physiologically acceptable medium.

125. (Original) A make-up stick according to Claim 124, wherein said make-up stick is a self-supporting composition.

126. (Original) A make-up stick according to Claim 124, wherein said at least one keratinous material is at least one human keratinous material.

127. (Original) A make-up stick according to Claim 126, wherein said at least one human keratinous material is chosen from skin, lips, eyelashes, eyebrows, scalp, nails and hair.

128. (Original) A cosmetic process for caring for, making up or treating a keratin material comprising the application to at least one keratinous material of a cosmetic composition comprising:

(a) at least one pigment in an amount sufficient to make up at least one keratinous material; and

(b) at least one continuous liquid fatty phase comprising:

(i) at least one structuring polymer which has a weight-average molecular mass ranging from 1000 to 30,000 and comprises:

a) a polymeric skeleton comprising repeating units comprising at least one non-pendant hetero atom; and

b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one non-pendant hetero atom and all said at least one fatty chains;

wherein said composition is in the form of a structured solid; and

wherein said at least one pigment, said at least one continuous liquid fatty phase and said at least one structuring polymer form a physiologically acceptable medium.

129. (Original) A process according to Claim 128, wherein said at least one keratinous material is at least one human keratinous material.

130. (Original) A process according to Claim 129, wherein said at least one human keratinous material is chosen from skin, lips, eyelashes, eyebrows, scalp, nails and hair.

131. (Original) A process according to Claim 128, wherein said composition is wax-free.

132. (Original) A process according to Claim 127, wherein said composition has a hardness ranging from 20 g to 2000 g.

133. (Original) A process according to Claim 132, wherein said composition has a hardness ranging from 20 g to 900 g.

134. (Original) A process according to Claim 133, wherein said composition has a hardness ranging from 20 g to 600 g.

135. (Previously presented) A process of structuring a composition in the form of a self-supporting solid having a hardness ranging from 20 g to 2000 g, comprising the step of including in said composition a sufficient amount of at least one structuring polymer which has a weight-average molecular mass ranging from 1000 to 30,000 and comprises:

a) a polymeric skeleton comprising repeating units comprising at least one non-pendant hetero atom; and

b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one non-pendant hetero atom and all said at least one fatty chains;

wherein said composition is structured as a self-supporting solid, is wax-free, and further contains a liquid continuous fatty phase and at least one dyestuff; and

wherein said at least one dyestuff is chosen from pigments and nacs.

136. (Original) A process according to Claim 135, wherein said composition has a hardness ranging from 20 g to 900 g.

137. (Original) A process according to Claim 136, wherein said composition has a hardness ranging from 20 g to 600 g.

138. (Original) A process according to Claim 137, wherein said at least one structuring polymer is chosen from polyamides.

139. (Original) A process according to Claim 135, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 10,000.

140. (Original) A process according to Claim 135, wherein said at least one structuring polymer is chosen from polyamides comprising end groups which comprise at least one ester functional group comprising at least one chain which comprises from 10 to 42 carbon atoms.

141. (Original) A process according to Claim 135, wherein said at least one structuring polymer is combined with at least one amphiphilic compound that is liquid at room temperature, with an HLB value of less than 12.

142. (Original) A process according to Claim 141, wherein said HLB ranges from 1 to 7.

143. (Original) A process according to Claim 142, wherein said HLB ranges from 1 to 5.

144. (Previously presented) A process of structuring a cosmetic composition in the form of a physiologically acceptable composition, which is rigid, self-supporting, wax-free, glossy, and/or non-migrating comprising including in said composition at least one liquid continuous fatty phase, said at least one liquid continuous fatty phase being

structured with a sufficient amount of at least one structuring polymer which has a weight-average molecular mass ranging from 1000 to 30,000 and comprises:

a) a polymeric skeleton comprising repeating units comprising at least one non-pendant hetero atom; and

b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one non-pendant hetero atom and all said at least one fatty chains;

wherein said composition is rigid, self-supporting, wax-free, glossy, and/or non-migrating; and

wherein said composition further comprises at least one dyestuff chosen from pigments and nacres.

145. (Original) A process according to Claim 144, wherein said at least one structuring polymer is chosen from polyamides.

146. (Original) A process according to Claim 145, wherein said at least one structuring polymer is chosen from polyamides comprising end groups which comprise at least one ester functional group comprising at least one hydrocarbon-based chain which comprises from 10 to 42 carbon atoms.

147. (Original) A process according to Claim 144, wherein said at least one structuring polymer is combined with at least one amphiphilic compound that is liquid at room temperature, with an HLB value of less than 12.

148. (Original) A process according to Claim 147, wherein said HLB ranges from 1 to 7.

149. (Original) A process according to Claim 148, wherein said HLB ranges from 1 to 5.

150. (Previously presented) A process of making a cosmetic composition in the form of a physiologically acceptable composition, which is structured, rigid, self-supporting, wax-free, glossy, and/or non-migrating comprising including in said composition at least one liquid continuous fatty phase, said at least one liquid continuous fatty phase being structured with a sufficient amount of at least one structuring polymer which has a weight-average molecular mass ranging from 1000 to 30,000 and comprises:

a) a polymeric skeleton comprising repeating units comprising at least one non-pendant hetero atom; and

b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one non-pendant hetero atom and all said at least one fatty chains;

wherein said composition is structured, rigid, self-supporting, wax-free, glossy, and/or non-migrating; and

wherein said composition comprises at least one dyestuff chosen from pigments and nacles.

151. (Original) A method according to Claim 150, wherein said at least one structuring polymer is chosen from polyamides.

152. (Original) A process according to Claim 151, wherein said at least one structuring polymer is chosen from polyamides comprising end groups which comprise at least one ester functional group comprising at least one hydrocarbon-based chain which comprises from 10 to 42 carbon atoms.

153. (Original) A process according to Claim 150, wherein said at least one structuring polymer is combined with at least one amphiphilic compound that is liquid at room temperature, with an HLB value of less than 12.

154. (Original) A process according to Claim 153, wherein said HLB ranges from 1 to 7.

155. (Original) A process according to Claim 154, wherein said HLB ranges from 1 to 5.

156. (Previously presented) A process of structuring a cosmetic composition in the form of a self-supporting solid, comprising including in said composition at least one liquid continuous fatty phase and at least one dyestuff, said at least one liquid continuous fatty phase and at least one dyestuff being structured with a sufficient amount of at least one structuring polymer which has a weight-average molecular mass ranging from 1000 to 30,000 and comprises:

a) a polymeric skeleton comprising repeating units comprising at least one non-pendant hetero atom; and



b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one non-pendant hetero atom and all said at least one fatty chains;

wherein said dyestuff is chosen from pigments and naces; and

wherein said composition is in the form of a self-supporting solid.

157. (Previously presented) A process for limiting the migration of a cosmetic composition comprising including in said composition at least one liquid continuous fatty phase, said at least one liquid continuous fatty phase being structured with a sufficient amount of an agent for limiting the migration of said composition, said agent comprising at least one structuring polymer which has a weight-average molecular mass ranging from 1000 to 30,000 and comprises:

a) a polymeric skeleton comprising repeating units comprising at least one non-pendant hetero atom; and

b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one non-pendant hetero atom and all said at least one fatty chains; and

wherein said composition further comprises at least one dyestuff chosen from pigments and nacles.

158. (Original) A process according to Claim 157, wherein said cosmetic composition has a hardness ranging from 20 g to 2000 g.

159. (Original) A process according to Claim 158, wherein said hardness ranges from 20 g to 900 g.

160. (Original) A process according to Claim 159, wherein said hardness ranges from 20 g to 600 g.

161. (Previously presented) A process for limiting the migration of a cosmetic composition comprising at least one continuous liquid fatty phase comprising structuring said fatty phase with a sufficient amount of structuring polymer which has a weight-average molecular mass ranging from 1000 to 30,000 and comprises:

a) a polymeric skeleton comprising repeating units comprising at least one non-pendant hetero atom; and

b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one non-pendant hetero atom and all said at least one fatty chains; and

wherein said composition further comprises at least one dyestuff chosen from pigments and nacles.

162. (Previously presented) A structured composition comprising:

- (a) at least one dyestuff;
- (b) at least one continuous liquid fatty phase comprising:
  - (i) at least one structuring polymer which has a weight-average molecular mass ranging from 1000 to 30,000 and comprises:
    - a) a polymeric skeleton comprising repeating units comprising at least one non-pendant hetero atom; and
    - b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;
  - (c) at least one amphiphilic compound chosen from amphiphilic compounds which are liquid at room temperature and have an HLB value of less than 12; and

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one non-pendant hetero atom and all said at least one fatty chains;

wherein said structured composition is in the form of a wax-free solid; and

wherein said at least one dyestuff, said at least one continuous liquid fatty phase and said at least one structuring polymer form a physiologically acceptable medium.

163. (Previously presented) A structured composition comprising:

- (a) at least one dyestuff; and
- (b) at least one continuous liquid fatty phase comprising:
  - (i) at least one structuring polymer which has a weight-average molecular mass ranging from 1000 to 30,000 and comprises:

a) a polymeric skeleton comprising repeating units comprising at least one non-pendant hetero atom; and

b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one non-pendant hetero atom and all said at least one fatty chains;

wherein said at least one continuous liquid fatty phase comprises greater than 40% by weight of the total weight of said at least one continuous liquid fatty phase of at least one apolar liquid oil;

wherein said structured composition is in the form of a wax-free solid;

wherein said at least one dyestuff is chosen from pigments and nacles; and

wherein said at least one dyestuff, said at least one continuous liquid fatty phase and said at least one structuring polymer form a physiologically acceptable medium.

164. (Previously presented) A process for structuring a cosmetic composition in the form of a physiologically acceptable composition, which is rigid, self-supporting, wax-free, glossy, and/or non-migrating comprising including in said composition at least one liquid continuous fatty phase, said at least one liquid continuous fatty phase being structured with a sufficient amount of at least one structuring polymer which has a weight-average molecular mass ranging from 1000 to 30,000 and comprises:

(a) a polymeric skeleton comprising repeating units comprising at least one non-pendant hetero atom; and

(b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

(c) at least one amphiphilic compound chosen from amphiphilic compounds which are liquid at room temperature and have an HLB value of less than 12;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one non-pendant hetero atom and all said at least one fatty chains; and

wherein said composition is rigid, self-supporting, wax-free, glossy, and/or non-migrating.

165. (Previously presented) A structured composition comprising:

(a) at least one dyestuff; and

(b) at least one continuous liquid fatty phase comprising:

(i) at least one structuring polymer which has a weight-average molecular mass ranging from 1000 to 30,000 and comprises:

a) a polymeric skeleton comprising repeating units comprising at least one non-pendant hetero atom; and

b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one non-pendant hetero atom and all said at least one fatty chains;

wherein said structuring polymer is chosen from polymers resulting from at least one polycondensation reaction between at least one dicarboxylic acid and at least one diamine;

wherein said structured composition is in the form of a wax-free solid;

wherein said at least one dyestuff is chosen from pigments and nacles; and

wherein said at least one dyestuff, said at least one continuous liquid fatty phase and said at least one structuring polymer form a physiologically acceptable medium.

166. (Previously presented) A structured composition comprising:

(a) at least one dyestuff; and

(b) at least one continuous liquid fatty phase comprising:

(i) at least one structuring polymer which has a weight-average molecular mass ranging from 1000 to 30,000 and comprises:

a) a polymeric skeleton comprising repeating units comprising at least one non-pendant hetero atom; and

b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one non-pendant hetero atom and all said at least one fatty chains;

wherein said structured composition is in the form of a wax-free solid;

wherein said at least one dyestuff is chosen from pigments and nacles;

wherein said at least one dyestuff, said at least one continuous liquid fatty phase, and said at least one structuring polymer form a physiologically acceptable medium; and

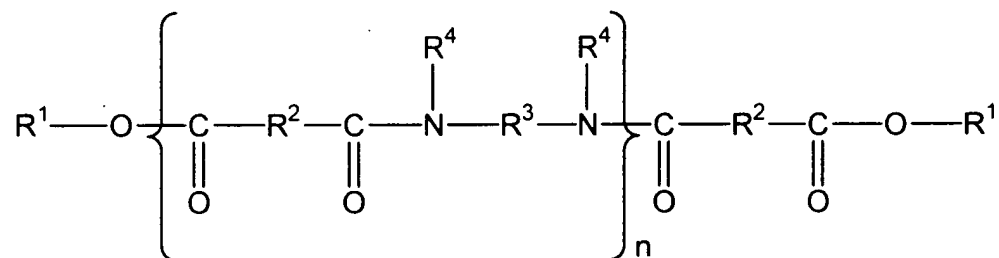
wherein said composition is anhydrous.

167. (Previously presented) A structured composition comprising:

(a) at least one dyestuff; and

(b) at least one continuous liquid fatty phase comprising at least one structuring polymer which has a weight-average molecular mass ranging from 1000 to 30,000;

wherein said at least one structuring polymer is chosen from polymers of formula (I) below and mixtures thereof:



in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one structuring polymer ranges from 10% to 50% of the total number of all said ester groups and all said amide groups comprised in said at least one structuring polymer;

- R<sup>1</sup>, which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;

-  $R^2$ , which are identical or different, are each chosen from  $C_4$  to  $C_{42}$

hydrocarbon-based groups with the proviso that at least 50% of  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon-based groups;

-  $R^3$ , which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms with the proviso that  $R^3$  comprises at least 2 carbon atoms; and

-  $R^4$ , which are identical or different, are each chosen from hydrogen atoms,  $C_1$  to  $C_{10}$  alkyl groups and a direct bond to group chosen from  $R^3$  and another  $R^4$  such that when said at least one group is chosen from another  $R^4$ , the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined in part by  $R^4$ -N- $R^3$ , with the proviso that at least 50% of all  $R^4$  are chosen from hydrogen atoms;

wherein said structured composition is in the form of a wax-free solid;

wherein said at least one dyestuff is chosen from pigments and naces; and

wherein said at least one dyestuff, said at least one continuous liquid fatty phase and said at least one structuring polymer form a physiologically acceptable medium.



Pending Claims  
Application No. 09/685,577  
Attorney Docket No.: 05725.0656-01000  
Filed: October 11, 2000

1. (Previously presented) A structured cosmetic composition comprising:

(a) at least one dyestuff; and

(b) at least one continuous liquid fatty phase,

wherein said at least one continuous liquid fatty phase is structured with a sufficient amount of at least one structuring polymer which has a weight-average molecular mass ranging up to 30,000 and which comprises:

a) a polymeric skeleton comprising repeating units comprising at least one hetero atom; and

b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one hetero atom and all said at least one fatty chains;

wherein said structured composition is in the form of a wax-free solid, and

wherein said at least one dyestuff, said at least one continuous liquid fatty phase and said at least one structuring polymer form a physiologically acceptable medium.

2. (Original) A composition according to Claim 1, wherein said composition is self-supporting.

3. (Original) A composition according to Claim 1, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 10,000.

4. (Original) A composition according to Claim 3, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 8,000.

5. (Original) A composition according to Claim 1, wherein said at least one structuring polymer is a solid which is undeformable at room temperature (25°C) and atmospheric pressure (760 mmHg).

6. (Original) A composition according to Claim 1, wherein said at least one structuring polymer is capable of structuring without opacifying said composition.

7. (Original) A composition according to Claim 1, wherein said composition has a hardness ranging from 20 g to 2000 g.

8. (Original) A composition according to Claim 7, wherein said composition has a hardness ranging from 20 g to 900 g.

9. (Original) A composition according to Claim 8, wherein said composition has a hardness ranging from 20 g to 600 g.

10. (Original) A composition according to Claim 1, wherein said at least one fatty chain is present in a quantity ranging from 50% to 95% of the total number of all said repeating units comprising at least one hetero atom and all said at least one fatty chains.

11. (Original) A composition according to Claim 1, wherein said repeating units are chosen from hydrocarbon-based repeating units comprising from 2 to 80 carbon atoms.

12. (Original) A composition according to Claim 11, wherein said repeating units are chosen from hydrocarbon-based repeating units comprising from 2 to 60 carbon atoms.

13. (Original) A composition according to Claim 1, wherein said at least one hetero atom is chosen from nitrogen atoms, sulfur atoms and phosphorus atoms, optionally substituted with at least one oxygen atom.

14. (Original) A composition according to Claim 1, wherein said repeating units comprising at least one hetero atom comprises at least one carbonyl group.

15. (Original) A composition according to Claim 1, wherein said repeating units comprising at least one hetero atom are chosen from repeating units comprising at least one non-pendant hetero atom.

16. (Previously presented) A composition according to Claim 1, wherein said repeating units comprising at least one hetero atom are chosen from repeating units comprising hydrocarbon-based repeating units and silicone units which form polyorganosiloxane skeletons, repeating units comprising amide units which form polyamide skeletons, repeating units comprising units which comprise isocyanate groups which form skeletons chosen from polyurethane skeletons, polyurea skeletons and polyurea-urethane skeletons, repeating units comprising carbamate which form skeletons chosen from polyurethane skeletons, polyurea skeletons and polyurea-urethane skeletons, and repeating units comprising urea which form skeletons chosen from polyurethane skeletons, polyurea skeletons and polyurea-urethane skeletons.

17. (Original) A composition according to Claim 16, wherein said repeating units comprising at least one hetero atom are chosen from repeating units comprising amide units.

18. (Original) A composition according to Claim 1, wherein said at least one fatty chain is chosen from pendant fatty chains and is bonded directly to at least one of said hetero atoms.

19. (Original) A composition according to Claim 1, wherein said at least one structuring polymer comprises oxyalkylene units between said repeating units.

20. (Original) A composition according to Claim 1, wherein said at least one fatty chain is chosen from terminal fatty chains and is bonded to said polymeric skeleton via ester groups.

21. (Original) A composition according to Claim 1, wherein said at least one fatty chain comprises from 12 to 68 carbon atoms.

22. (Original) A composition according to Claim 1, wherein said at least one structuring polymer is chosen from polymers resulting from at least one polycondensation reaction between at least one dicarboxylic acid comprising at least 32 carbon atoms and at least one diamine comprising at least 2 carbon atoms.

23. (Original) A composition according to Claim 22, wherein said at least one dicarboxylic acid comprises from 32 to 44 carbon atoms.

24. (Original) A composition according to Claim 22, wherein said at least one diamine comprises from 2 to 36 carbon atoms.

25. (Original) A composition according to Claim 22, wherein said at least one dicarboxylic acid is chosen from dimers of at least one fatty acid comprising at least 16 carbon atoms.

26. (Original) A composition according to Claim 25, wherein said at least one fatty acid is chosen from oleic acid, linoleic acid and linolenic acid.

27. (Original) A composition according to Claim 22, wherein said at least one diamine is chosen from ethylenediamine, hexylenediamine, hexamethylenediamine, phenylenediamine and ethylenetriamine.

28. (Original) A composition according to Claim 22, wherein said at least one structuring polymer is chosen from polymers comprising one or two terminal carboxylic acid groups.

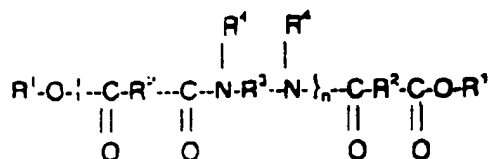
29. (Original) A composition according to Claim 28, wherein said terminal carboxylic acid groups are esterified with at least one alcohol chosen from monoalcohols comprising at least 4 carbon atoms.

30. (Original) A composition according to Claim 29, wherein said at least one alcohol is chosen from monoalcohols comprising from 10 to 36 carbon atoms

31. (Original) A composition according to Claim 30, wherein said at least one alcohol is chosen from monoalcohols comprising from 12 to 24 carbon atoms.

32. (Original) A composition according to Claim 31, wherein said at least one alcohol is chosen from monoalcohols comprising from 16 to 24 carbon atoms.

33. (Original) A composition according to Claim 1, wherein said at least one structuring polymer is chosen from polymers of formula (I) below and mixtures thereof:



in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one structuring polymer ranges from 10% to 50% of the total number of all said ester groups and all said amide groups comprised in said at least one structuring polymer;
- R<sup>1</sup>, which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;
- R<sup>2</sup>, which are identical or different, are each chosen from C<sub>4</sub> to C<sub>42</sub> hydrocarbon-based groups with the proviso that at least 50% of R<sup>2</sup> are chosen from C<sub>30</sub> to C<sub>42</sub> hydrocarbon-based groups;
- R<sup>3</sup>, which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms with the proviso that R<sup>3</sup> comprises at least 2 carbon atoms; and
- R<sup>4</sup>, which are identical or different, are each chosen from hydrogen atoms, C<sub>1</sub> to C<sub>10</sub> alkyl groups and a direct bond to group chosen from R<sup>3</sup> and another R<sup>4</sup> such that when said at least one group is chosen from another R<sup>4</sup>, the nitrogen atom to which both R<sup>3</sup> and R<sup>4</sup> are bonded forms part of a heterocyclic structure defined in part by R<sup>4</sup>-N-R<sup>3</sup>, with the proviso that at least 50% of all R<sup>4</sup> are chosen from hydrogen atoms.

34. (Original) A composition according to Claim 33, wherein said ester groups are present in said at least one structuring polymer in a proportion ranging from 15% to

40% of the total number of all said ester groups and all said amide groups comprised in said at least one structuring polymer.

35. (Original) A composition according to Claim 34, wherein said ester groups are present in said at least one structuring polymer in a proportion ranging from 20% to 35% of the total number of all said ester groups and all said amide groups comprised in said at least one structuring polymer.

36. (Original) A composition according to Claim 33, wherein said  $n$  is an integer ranging from 1 to 5.

37 (Original) A composition according to Claim 33, wherein said  $n$  is equal to zero.

38. (Original) A composition according to Claim 33, wherein said  $R^1$ , which are identical or different, are each chosen from  $C_{12}$  to  $C_{22}$  alkyl groups.

39. (Original) A composition according to Claim 33, wherein said  $R^1$ , which are identical or different, are each chosen from  $C_{16}$  to  $C_{22}$  alkyl groups.

40. (Original) A composition according to Claim 33, wherein said  $R^2$ , which are identical or different, are each chosen from  $C_{10}$  to  $C_{42}$  hydrocarbon-based groups.

41. (Original) A composition according to Claim 33, wherein at least 50% of said  $R^2$ , which are identical or different, are each chosen groups comprising from 30 to 42 carbon atoms and the remaining  $R^2$  are chosen from groups comprising from 4 to 19 carbon atoms.

42. (Original) A composition according to Claim 33, wherein at least 75% of said  $R^2$ , which are identical or different, are each chosen from groups comprising from

30 to 42 carbon atoms and the remaining R<sup>2</sup> are chosen from groups comprising from 4 to 19 carbon atoms.

43. (Original) A composition according to Claim 1, wherein said at least one structuring polymer has a softening point of greater than 70°C.

44. (Original) A composition according to Claim 43, wherein said at least one structuring polymer has a softening point of 70°C to 190°C.

45. (Original) A composition according to Claim 44, wherein said at least one structuring polymer has a softening point of 80°C to 130°C.

46. (Original) A composition according to Claim 45, wherein said at least one structuring polymer has a softening point of 80°C to 105°C.

47. (Original) A composition according to Claim 1, further comprising at least one amphiphilic compound chosen from amphiphilic compounds which are liquid at room temperature and have an HLB value of less than 12.

48. (Original) A composition according to Claim 47, wherein said HLB value ranges from 1 to 7.

49. (Original) A composition according to Claim 47, wherein said HLB value ranges from 1 to 5.

50. (Original) A composition according to Claim 49, wherein said HLB value ranges from 3 to 5.

51. (Original) A composition according to Claim 47, wherein said at least one amphiphilic compound comprises at least one lipophilic part bonded to at least one polar part.



52. (Original) A composition according to Claim 51, wherein said at least one lipophilic part comprises a carbon-based chain comprising at least 8 carbon atoms.

53. (Original) A composition according to Claim 52, wherein said at least one lipophilic part comprises from 18 to 32 carbon atoms.

54. (Original) A composition according to Claim 53, where said at least one lipophilic part comprises from 18 to 28 carbon atoms.

55. (Original) A composition according to Claim 51, wherein said at least one polar part is chosen from compounds derived from alcohols comprising from 1 to 12 hydroxyl groups, polyol groups comprising from 2 to 12 hydroxyl groups, and polyoxyalkylene groups comprising at least 2 oxyalkylene units.

56. (Original) A composition according to Claim 55, wherein said polyoxyalkylene groups are chosen from polyoxyalkylene groups which comprise from 0 to 20 oxypropylene units and from 0 to 20 oxyethylene units.

57. (Original) A composition according to Claim 47, wherein said at least one amphiphilic compound is chosen from esters.

58. (Original) A composition according to Claim 57, wherein said esters are chosen from hydroxystearates of glycerol, oleates of glycerol, isostearates of glycerol, hydroxystearates of sorbitan, oleates of sorbitan, isostearates of sorbitan, hydroxystearates of methylglucose, oleates of methylglucose, isostearates of methylglucose, hydroxystearates of branched C<sub>12</sub> to C<sub>26</sub> fatty alcohols, oleates of branched C<sub>12</sub> to C<sub>26</sub> fatty alcohols and isostearates of branched C<sub>12</sub> to C<sub>26</sub> fatty alcohols.

59. (Original) A composition according to Claim 58, wherein said branched C<sub>12</sub> to C<sub>26</sub> fatty alcohols are chosen from octyldodecanols.

60. (Original) A composition according to Claim 57, wherein said esters are chosen from monoesters and diesters.

61. (Original) A composition according to Claim 47, wherein said at least one amphiphilic compound is present in a concentration ranging from 0.1% to 35% by weight of the total weight of said composition.

62. (Original) A composition according to Claim 61, wherein said at least one amphiphilic compound is present in a concentration ranging from 2% to 15% by weight of the total weight of said composition.

63. (Original) A composition according to Claim 1, wherein said at least one structuring polymer is present in a concentration ranging from 0.5% to 80% by weight of the total weight of said composition.

64. (Original) A composition according to Claim 63, wherein said at least one structuring polymer is present in a concentration ranging from 5% to 40% by weight of the total weight of said composition.

65. (Original) A composition according to Claim 33, wherein said R<sup>3</sup>, which are identical or different, are each chosen from C<sub>2</sub> to C<sub>36</sub> hydrocarbon-based groups and polyoxyalkylene groups.

66. (Original) A composition according to Claim 33, wherein said R<sup>3</sup>, which are identical or different, are each chosen from C<sub>2</sub> to C<sub>12</sub> hydrocarbon-based groups and polyoxyalkylene groups.

67. (Original) A composition according to Claim 1, wherein said at least one continuous liquid fatty phase comprises greater than 40% by weight of the total weight of said at least one continuous liquid fatty phase of at least one liquid oil comprising a group similar to that of said repeating units comprising at least one hetero atom.

68. (Original) A composition according to Claim 67, wherein said at least one continuous liquid fatty phase comprises greater than 50% by weight of the total weight of said at least one continuous liquid fatty phase of at least one liquid oil comprising a group similar to that of said repeating units comprising at least one hetero atom.

69. (Original) A composition according to Claim 1, wherein said at least one continuous liquid fatty phase comprises greater than 40% by weight of the total weight of said at least one continuous liquid fatty phase of at least one apolar liquid oil.

70. (Original) A composition according to Claim 69, wherein said at least one continuous liquid fatty phase comprises greater than 50% by weight of the total weight of said at least one continuous liquid fatty phase of at least one apolar liquid oil.

71. (Original) A composition according to Claim 1, wherein said at least one continuous liquid fatty phase comprises at least one oil.

72. (Original) A composition according to Claim 71, wherein said at least one oil is chosen hydrocarbon-based oils of mineral origin and hydrocarbon-based oils of synthetic origin.

73. (Original) A composition according to Claim 1, wherein said at least one continuous liquid fatty phase comprises at least one apolar oil.

74. (Original) A composition according to Claim 73, wherein said at least one apolar oil is chosen from parleam oil, isoparaffins and squalane.

75. (Original) A composition according to Claim 1, wherein said at least one continuous liquid fatty phase is present in a concentration ranging from 5% to 99% by weight of the total weight of said composition.

76. (Original) A composition according to Claim 75, wherein said at least one continuous liquid fatty phase is present in a concentration ranging from 20% to 75% by weight of the total weight of said composition.

77. (Original) A composition according to Claim 1, wherein said composition is chosen from compositions used to care for a keratin material, compositions for treating for a keratin material and make-up compositions for a keratin material.

78. (Original) A composition according to Claim 1, further comprising at least one suitable additive chosen from water optionally thickened or gelled with an aqueous-phase thickener or gelling agent, antioxidants, essential oils, preserving agents, fragrances, neutralizing agents, liposoluble polymers, cosmetically active agents and dermatologically active agents.

79. (Original) A composition according to Claim 78, wherein said at least one suitable additive is chosen from cosmetically active agents and dermatologically active agents.

80. (Original) A composition according to Claim 78, wherein said cosmetically active agents and dermatologically active agents are chosen from emollients, moisturizers, vitamins, essential fatty acids and sunscreens.

81. (Original) A composition according to Claim 1 in the form of a transparent anhydrous rigid gel.

82. (Original) A composition according to Claim 81, wherein said transparent anhydrous rigid gel is a transparent anhydrous stick.

83. (Original) A composition according to Claim 1 in the form of a colored make-up product.

84. (Original) A composition according to Claim 83, wherein said composition is chosen from mascara, eyeliner, foundation, lip composition, blush, deodorant product, make-up-removing product, product for making up the body, eyeshadow, face powder or concealer product.

85. (Original) A composition according to Claim 84, wherein said composition further provides benefits chosen from care and treatment.

86. (Original) A composition according to Claim 1, wherein said at least one dyestuff is chosen from lipophilic dyes, hydrophilic dyes, pigments and nacs.

87. (Original) A composition according to Claim 1, wherein said at least one dyestuff is present in a concentration ranging from 0.01% to 40% by weight relative to the total weight of said composition.

88. (Original) A composition according to Claim 87, wherein said at least one dyestuff is present in a concentration ranging from 1% to 35% by weight relative to the total weight of said composition.

89. (Original) A composition according to Claim 88, wherein said at least one dyestuff is present in a concentration ranging from 5% to 25% by weight relative to the total weight of said composition.

90. (Original) A composition according to Claim 1, wherein said composition further provides benefits chosen from care and treatment.

91. (Previously presented) A dermatological composition for at least one keratin material, a cosmetic care composition for at least one keratin material, a make-up composition, a body hygiene composition, a sunscreen composition for at least one keratin material, or an after-sun composition for at least one keratin material comprising a composition comprising:

(a) at least one dyestuff; and

(b) at least one continuous liquid fatty phase,

wherein said at least one continuous liquid fatty phase is structured with a sufficient amount of at least one structuring polymer which has a weight-average molecular mass ranging up to 30,000 and which comprises:

a) a polymeric skeleton comprising repeating units comprising at least one hetero atom; and

b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one hetero atom and all said at least one fatty chains; and

wherein said composition is in the form of a structured, wax-free solid.

92. (Original) A composition according to Claim 91, wherein said at least one keratin material is chosen from skin, lips, eyelashes, eyebrows, scalp, nails and hair.

93. (Original) A composition according to Claim 91, wherein said body hygiene composition is in a form chosen from deodorant products and make-up-removing products.

94. (Original) A composition according to Claim 91, wherein said composition is in the form of a stick.

95. (Original) A composition according to Claim 91, wherein said composition is chosen from mascara, eyeliner, foundation, lip composition, blush, deodorant product, make-up-removing product, product for making up the body, eyeshadow, face powder or concealer product.

96. (Original) A make-up composition for at least one keratinous material comprising:

(a) at least one pigment in an amount sufficient to make up at least one keratinous material; and

(b) at least one continuous liquid fatty phase,

wherein said at least one continuous liquid fatty phase is structured with a sufficient amount of at least one structuring polymer which has a weight-average molecular mass ranging up to 30,000 and which comprises:

a) a polymeric skeleton comprising repeating units comprising at least one hetero atom; and

b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one hetero atom and all said at least one fatty chains;

wherein said composition is in the form of a solid, and

wherein said at least one pigment, said at least one continuous liquid fatty phase and said at least one structuring polymer form a physiologically acceptable medium.

97. (Original) A composition according to Claim 96, wherein said at least one keratinous material is at least one human keratinous material.

98. (Original) A composition according to Claim 97, wherein said at least one human keratinous material is chosen from skin, lips, eyelashes, eyebrows, scalp, nails and hair.

99. (Original) A composition according to Claim 96, wherein said composition is self-supporting.

100. (Original) A composition according to Claim 96, wherein said repeating units comprising at least one hetero atom are chosen from repeating units comprising at least one non-pendant hetero atom.

101. (Original) A composition according to Claim 100, wherein said repeating units comprising at least one non-pendant hetero atom are chosen from amides.

102. (Original) A composition according to Claim 96, wherein said composition is chosen from mascara, eyeliner, foundation, lip composition, blush, deodorant product, make-up-removing product, product for making up the body, eyeshadow, face powder or concealer product.



103. (Original) A make-up composition for at least one keratinous material comprising:

- (a) at least one pigment in an amount sufficient to make up at least one keratinous material; and
- (b) at least one continuous liquid fatty phase,

wherein said at least one continuous liquid fatty phase is structured with a sufficient amount of at least one structuring polymer which has a weight-average molecular mass ranging up to 30,000 and which comprises:

- a) a polymeric skeleton comprising repeating units comprising at least one hetero atom; and
- b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one hetero atom and all said at least one fatty chains;

wherein said composition is in the form of a solid with a hardness ranging from 20 g to 2000 g, and

wherein said at least one pigment, said at least one continuous liquid fatty phase and said at least one structuring polymer form a physiologically acceptable medium.

104. (Original) A composition according to Claim 103, wherein said composition has a hardness of 20 g to 900 g.

105. (Original) A composition according to Claim 104, wherein said composition has a hardness of 20 g to 600 g.

106. (Original) A composition as claimed in Claim 103, wherein said composition is self-supporting.

107. (Original) A composition according to Claim 103, wherein said repeating units comprising at least one hetero atom are chosen from repeating units comprising at least one non-pendant hetero atom.

108. (Original) A composition according to Claim 107, wherein said repeating units comprising at least one non-pendant hetero atom are chosen from amides.

109. (Original) A composition according to Claim 103, wherein said at least one keratinous material is at least one human keratinous material.

110. (Original) A composition according to Claim 109, wherein said at least one human keratinous material is chosen from skin, lips, eyelashes, eyebrows, scalp, nails and hair.

111. (Original) A composition according to Claim 103, wherein said at least one fatty chain is chosen from terminal fatty chains and is bonded to the carbon-based skeleton via ester groups.

112. (Original) A composition according to Claim 103, wherein said composition is chosen from mascara, eyeliner, foundation, lip composition, blush, deodorant product, make-up-removing product, product for making up the body, eyeshadow, face powder or concealer product.

113. (Original) A lip composition comprising:

(a) at least one pigment in an amount sufficient to make up at least one keratinous material; and

(b) at least one continuous liquid fatty phase,

wherein said at least one continuous liquid fatty phase is structured with a sufficient amount of at least one structuring polymer which has a weight-average molecular mass ranging up to 30,000 and which comprises:

a) a polymeric skeleton comprising repeating units comprising at least one hetero atom; and

b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one hetero atom and all said at least one fatty chains;

wherein said composition is in the form of a structured solid, and

wherein said at least one pigment, said at least one continuous liquid fatty phase and said at least one structuring polymer form a physiologically acceptable medium.

114. (Original) A composition according to Claim 113, wherein said composition is a self-supporting composition.

115. (Original) A composition according to Claim 113, wherein said repeating units comprising at least one hetero atom are chosen from repeating units comprising at least one non-pendant hetero atom.

116. (Original) A composition according to Claim 115, wherein said repeating units comprising at least one non-pendant hetero atom are chosen from amides.

117. (Original) A composition according to Claim 113, wherein said at least one fatty chain is chosen from terminal fatty chains and is bonded to the carbon-based skeleton via ester groups.

118. (Original) A composition according to Claim 113, wherein said at least one keratinous material is at least one human keratinous material.

119. (Original) A composition according to Claim 118, wherein said at least one human keratinous material is chosen from skin, lips, eyelashes, eyebrows, scalp, nails and hair.

120. (Original) A composition according to Claim 113, said composition being in the form of a colored make-up product.

121. (Original) A composition according to Claim 113, wherein said composition is chosen from mascara, eyeliner, foundation, lip composition, blush, deodorant product, make-up-removing product, product for making up the body, eyeshadow, face powder or concealer product.

122. (Original) A mascara product, eyeliner product, foundation product, lip composition product, blush product, deodorant product, make-up-removing product, product for making up the body, eyeshadow product, face powder product or concealer product comprising:

(a) at least one pigment in an amount sufficient to make up at least one keratinous material; and

(b) at least one continuous liquid fatty phase,

wherein said at least one continuous liquid fatty phase is structured with a sufficient amount of at least one structuring polymer which has a weight-average molecular mass ranging up to 30,000 and which comprises:

- a) a polymeric skeleton comprising repeating units comprising at least one hetero atom; and
- b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one hetero atom and all said at least one fatty chains;

wherein said product is in the form of a structured solid, and

wherein said at least one pigment, said at least one continuous liquid fatty phase and said at least one structuring polymer form a physiologically acceptable medium.

123. (Original) A product according to Claim 122, wherein said composition is a self-supporting composition.

124. (Original) A product according to Claim 122, wherein said repeating units comprising at least one hetero atom are chosen from repeating units comprising at least one non-pendant hetero atom.

125. (Original) A product according to Claim 124, wherein said repeating units comprising at least one non-pendant hetero atom are chosen from amides.

126. (Original) A product according to Claim 122, wherein said at least one fatty chain is chosen from terminal fatty chains and is bonded to the carbon-based skeleton via ester groups.

127. (Original) A product according to Claim 122, wherein said at least one keratinous material is at least one human keratinous material.

128. (Original) A product according to Claim 127, wherein said at least one human keratinous material is chosen from skin, lips, eyelashes, eyebrows, scalp, nails and hair.

129. (Original) A make-up stick for at least one keratinous material comprising:  
(a) at least one pigment in an amount sufficient to make up at least one keratinous material; and  
(b) at least one continuous liquid fatty phase,

wherein said at least one continuous liquid fatty phase is structured with a sufficient amount of at least one structuring polymer which has a weight-average molecular mass ranging up to 30,000 and which comprises:

- a) a polymeric skeleton comprising repeating units comprising at least one hetero atom; and
- b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one hetero atom and all said at least one fatty chains; and

wherein said at least one pigment, said at least one continuous liquid fatty phase and said at least one structuring polymer form a physiologically acceptable medium.

130. (Original) A make-up stick according to Claim 129, wherein said make-up stick is a self-supporting composition.

131. (Original) A make-up stick according to Claim 129, wherein said at least one keratinous material is at least one human keratinous material.

132. (Original) A make-up stick according to Claim 129, wherein said at least one human keratinous material is chosen from skin, lips, eyelashes, eyebrows, scalp, nails and hair.

133. (Original) A cosmetic process for caring for, making up or treating a keratin material comprising the application to at least one keratinous material of a cosmetic composition comprising:

(a) at least one pigment in an amount sufficient to make up at least one keratinous material; and

(b) at least one continuous liquid fatty phase,

wherein said at least one continuous liquid fatty phase is structured with a sufficient amount of at least one structuring polymer which has a weight-average molecular mass ranging up to 30,000 and which comprises:

a) a polymeric skeleton comprising repeating units comprising at least one hetero atom; and

b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one hetero atom and all said at least one fatty chains;

wherein said composition is in the form of a structured solid; and

wherein said at least one pigment, said at least one continuous liquid fatty phase and said at least one structuring polymer form a physiologically acceptable medium.

134. (Original) A process according to Claim 133, wherein said at least one keratinous material is at least one human keratinous material.

135. (Original) A process according to Claim 134, wherein said at least one human keratinous material is chosen from skin, lips, eyelashes, eyebrows, scalp, nails and hair.

136. (Original) A process according to Claim 133, wherein said composition is wax-free.

137. (Original) A process according to Claim 133, wherein said composition has a hardness ranging from 20 g to 2000 g.

138. (Original) A process according to Claim 137, wherein said composition has a hardness ranging from 20 g to 900 g.

139. (Original) A process according to Claim 138, wherein said composition has a hardness ranging from 20 g to 600 g.

140. (Original) A process of structuring a composition in the form of a self-supporting solid having a hardness ranging from 20 g to 2000 comprising the step of including in said composition a sufficient amount of at least one structuring polymer



which has a weight-average molecular mass ranging up to 30,000 and which comprises:

- a) a polymeric skeleton comprising repeating units comprising at least one hetero atom; and
- b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one hetero atom and all said at least one fatty chains,

said composition being structured as a self-supporting solid, being wax-free and further containing a liquid continuous fatty phase and at least one dyestuff.

141. (Original) A process according to Claim 140, wherein said composition has a hardness ranging from 20 g to 900 g.

142. (Original) A process according to Claim 141, wherein said composition has a hardness ranging from 20 g to 600 g.

143. (Original) A process according to Claim 140, wherein said repeating units comprising at least one hetero atom are chosen from repeating units comprising at least one non-pendant hetero atom.

144. (Original) A process according to Claim 140, wherein said at least one structuring polymer is chosen from polyamides.

145. (Original) A process according to Claim 144, wherein said at least one structuring polymer is chosen from polyamides comprising end groups which comprise at least one ester functional group comprising at least one chain which comprises from 10 to 42 carbon atoms.

146. (Original) A process according to Claim 140, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 10,000.

147. (Original) A process according to Claim 140, wherein said at least one structuring polymer is combined with at least one amphiphilic compound that is liquid at room temperature, with an HLB value of less than 12.

148. (Original) A process according to Claim 147, wherein said HLB ranges from 1 to 7.

149. (Original) A process according to Claim 148, wherein said HLB ranges from 1 to 5.

150. (Original) A process of structuring a cosmetic composition in the form of a physiologically acceptable composition, which is rigid, self-supporting, wax-free, glossy and/or non-migrating comprising including in said composition at least one liquid continuous fatty phase, said at least one liquid continuous fatty phase being structured with a sufficient amount of at least one structuring polymer which has a weight-average molecular mass ranging up to 30,000 and which comprises:

- a) a polymeric skeleton comprising repeating units comprising at least one hetero atom; and

b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one hetero atom and all said at least one fatty chains; and

wherein said composition is rigid, self-supporting, wax-free, glossy and/or non-migrating.

151. (Original) A process according to Claim 150, wherein said repeating units comprising at least one hetero atom are chosen from repeating units comprising at least one non-pendant hetero atom.

152. (Original) A process according to Claim 150, wherein said at least one structuring polymer is chosen from polyamides.

153. (Original) A process according to Claim 152, wherein said at least one structuring polymer is chosen from polyamides comprising end groups which comprise at least one ester functional group comprising at least one hydrocarbon-based chain which comprises from 10 to 42 carbon atoms.

154. (Original) A process according to Claim 150, wherein said at least one structuring polymer is combined with at least one amphiphilic compound that is liquid at room temperature, with an HLB value of less than 12.

155. (Original) A process according to Claim 154, wherein said HLB ranges from 1 to 7.

156. (Original) A process according to Claim 155, wherein said HLB ranges from 1 to 5.

157. (Original) A process of making a cosmetic composition in the form of a physiologically acceptable composition, which is structured, rigid, self-supporting, wax-free, glossy and/or non-migrating comprising including in said composition at least one liquid continuous fatty phase, wherein said at least one liquid continuous fatty phase is structured with a sufficient amount of at least one structuring polymer which has a weight-average molecular mass ranging up to 30,000 and which comprises:

a) a polymeric skeleton comprising repeating units comprising at least one hetero atom; and

b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one hetero atom and all said at least one fatty chains; and

wherein said composition is structured, rigid, self-supporting, wax-free, glossy and/or non-migrating.

158. (Original) A process according to Claim 157, wherein said repeating units comprising at least one hetero atom are chosen from repeating units comprising at least one non-pendant hetero atom.

159. (Original) A process according to Claim 157, wherein said at least one structuring polymer is chosen from polyamides.

160. (Original) A process according to Claim 159, wherein said at least one structuring polymer is chosen from polyamides comprising end groups which comprise at least one ester functional group comprising at least one hydrocarbon-based chain which comprises from 10 to 42 carbon atoms.

161. (Original) A process according to Claim 157, wherein said at least one structuring polymer is combined with at least one amphiphilic compound that is liquid at room temperature, with an HLB value of less than 12.

162. (Original) A process according to Claim 161, wherein said HLB ranges from 1 to 7.

163. (Original) A process according to Claim 162, wherein said HLB ranges from 1 to 5.

164. (Original) A process of structuring a cosmetic composition in the form of a self-supporting solid, comprising including in said composition at least one liquid continuous fatty phase and at least one dyestuff, wherein said at least one liquid continuous fatty phase and at least one dyestuff are structured with a sufficient amount of at least one structuring polymer which has a weight-average molecular mass ranging up to 30,000 and which comprises:

- a) a polymeric skeleton comprising repeating units comprising at least one hetero atom; and
- b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one hetero atom and all said at least one fatty chains; and

wherein said composition is in the form of a self-supporting solid.

165. (Original) A process according to Claim 164, wherein said repeating units comprising at least one hetero atom are chosen from repeating units comprising at least one non-pendant hetero atom.

166. (Original) A process according to Claim 164, wherein said at least one structuring polymer is chosen from polyamides.

167. (Original) A process according to Claim 166, wherein said at least one structuring polymer is chosen from polyamides comprising end groups which comprise at least one ester functional group comprising at least one hydrocarbon-based chain which comprises from 10 to 42 carbon atoms.

168. (Original) A process according to Claim 164, wherein said at least one structuring polymer is combined with at least one amphiphilic compound that is liquid at room temperature, with an HLB value of less than 12.

169. (Original) A process according to Claim 168, wherein said HLB ranges from 1 to 7.

170. (Original) A process according to Claim 169, wherein said HLB ranges from 1 to 5.

171. (Original) A process for limiting the migration of a cosmetic composition comprising including in said composition at least one liquid continuous fatty phase, wherein said at least one liquid continuous fatty phase is structured with a sufficient

amount of an agent for limiting the migration of said composition, wherein said agent comprising at least one structuring polymer which has a weight-average molecular mass ranging up to 30,000 and which comprises:

a) a polymeric skeleton comprising repeating units comprising at least one hetero atom; and

b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton; and

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one hetero atom and all said at least one fatty chains.

172. (Original) A process according to Claim 171, wherein said cosmetic composition has a hardness ranging from 20 g to 2000 g.

173. (Original) A process according to Claim 172, wherein said hardness ranges from 20 g to 900 g.

174. (Original) A process according to Claim 173, wherein said hardness ranges from 20 g to 600 g.

175. (Original) A process according to Claim 171, wherein said repeating units comprising at least one hetero atom are chosen from repeating units comprising at least one non-pendant hetero atom.

176. (Original) A process for limiting the migration of a cosmetic composition comprising at least one continuous liquid fatty phase comprising structuring said at least one continuous fatty phase with a sufficient amount of at least one structuring polymer

which has a weight-average molecular mass ranging up to 30,000 and which comprises:

a) a polymeric skeleton comprising repeating units comprising at least one hetero atom; and

b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton; and

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one hetero atom and all said at least one fatty chains.

177. (Original) A process according to Claim 176, wherein said repeating units comprising at least one hetero atom are chosen from repeating units comprising at least one non-pendant hetero atom.

178. (Previously presented) A structured cosmetic composition comprising:  
(a) at least one dyestuff; and  
(b) at least one continuous liquid fatty phase,

wherein said at least one continuous liquid fatty phase is structured with a sufficient amount of at least one structuring polymer which has a weight-average molecular mass ranging up to 30,000 and which comprises:

a) a polymeric skeleton comprising repeating units comprising at least one non-pendant hetero atom; and



b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one non-pendant hetero atom and all said at least one fatty chains;

wherein said structured composition is in the form of a wax-free solid, and

wherein said at least one dyestuff, said at least one continuous liquid fatty phase and said at least one structuring polymer form a physiologically acceptable medium.

179. (Original) A composition according to Claim 178, wherein said at least one structuring polymer is chosen from polyamides.

180. (Original) A composition according to Claim 179, wherein said at least one structuring polymer is chosen from polyamides comprising end groups which comprise at least one ester functional group comprising at least one hydrocarbon-based chain which comprises from 10 to 42 carbon atoms.

181. (Original) A composition according to Claim 178, wherein said at least one structuring polymer is combined with at least one amphiphilic compound that is liquid at room temperature, with an HLB value of less than 12.

182. (Original) A composition according to Claim 181, wherein said HLB ranges from 1 to 7.

183. (Original) A composition according to Claim 182, wherein said HLB ranges from 1 to 5.

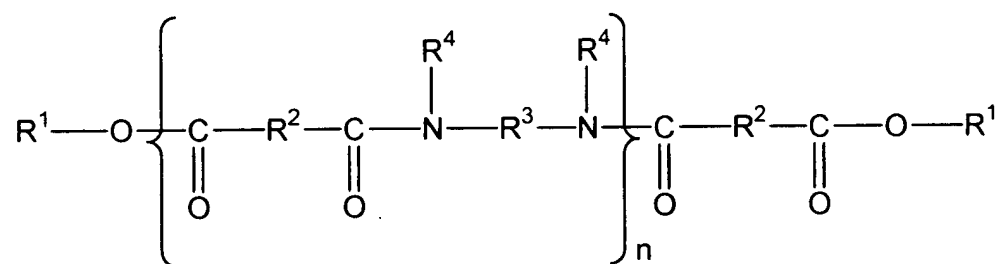
184. (Previously presented) A structured cosmetic composition comprising:

(a) at least one dyestuff; and

(b) at least one continuous liquid fatty phase,

wherein said at least one continuous liquid fatty phase is structured with a sufficient amount of at least one structuring polymer which has a weight-average molecular mass ranging up to 30,000;

wherein said at least one structuring polymer is chosen from polymers of formula (I) and mixtures thereof:



in which:

-  $n$  is an integer which represents the number of amide units such that the number of ester groups present in said at least one structuring polymer ranges from 10% to 50% of the total number of all said ester groups and all said amide groups comprised in said at least one structuring polymer;

-  $\text{R}^1$ , which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;

-  $\text{R}^2$ , which are identical or different, are each chosen from  $\text{C}_4$  to  $\text{C}_{42}$  hydrocarbon-based groups with the proviso that at least 50% of  $\text{R}^2$  are chosen from  $\text{C}_{30}$  to  $\text{C}_{42}$  hydrocarbon-based groups;

-  $R^3$ , which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms with the proviso that  $R^3$  comprises at least 2 carbon atoms; and

-  $R^4$ , which are identical or different, are each chosen from hydrogen atoms,  $C_1$  to  $C_{10}$  alkyl groups and a direct bond to group chosen from  $R^3$  and another  $R^4$  such that when said at least one group is chosen from another  $R^4$ , the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined in part by  $R^4-N-R^3$ , with the proviso that at least 50% of all  $R^4$  are chosen from hydrogen atoms;

wherein said structured composition is in the form of a wax-free solid; and

wherein said at least one dyestuff, said at least one continuous liquid fatty phase and said at least one structuring polymer form a physiologically acceptable medium.

185. (Previously presented) A structured composition comprising:

(a) at least one dyestuff; and

(b) at least one continuous liquid fatty phase,

wherein said at least one continuous liquid fatty phase is structured with a sufficient amount of at least one structuring polymer which has a weight-average molecular mass ranging up to 30,000 and which comprises:

a) a polymeric skeleton comprising repeating units comprising at least one hetero atom; and

b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one hetero atom and all said at least one fatty chains;

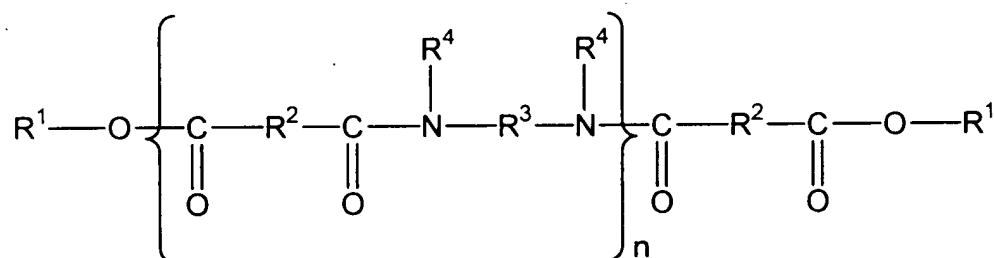
wherein said structured composition is in the form of a wax-free solid,

wherein said structured composition is not in the form of a stick, and

wherein said at least one dyestuff, said at least one continuous liquid fatty phase and said at least one structuring polymer form a physiologically acceptable medium.

186. (Previously presented) A composition according to Claim 185, wherein said at least one structuring polymer is chosen from at least one polymer of formula (I):

wherein said at least one structuring polymer is chosen from polymers of formula (I) and mixtures thereof:



in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one structuring polymer ranges from 10% to 50% of the total number of all said ester groups and all said amide groups comprised in said at least one structuring polymer;

- R<sup>1</sup>, which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;

-  $R^2$ , which are identical or different, are each chosen from  $C_4$  to  $C_{42}$

hydrocarbon-based groups with the proviso that at least 50% of  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon-based groups;

-  $R^3$ , which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms with the proviso that  $R^3$  comprises at least 2 carbon atoms; and

-  $R^4$ , which are identical or different, are each chosen from hydrogen atoms,  $C_1$  to  $C_{10}$  alkyl groups and a direct bond to group chosen from  $R^3$  and another  $R^4$  such that when said at least one group is chosen from another  $R^4$ , the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined in part by  $R^4$ -N- $R^3$ , with the proviso that at least 50% of all  $R^4$  are chosen from hydrogen atoms.

187. (Previously presented) A care composition for at least one keratin material consisting essentially of:

(a) at least one dyestuff; and

(b) at least one continuous liquid fatty phase,

wherein said at least one continuous liquid fatty phase is structured with a sufficient amount of at least one structuring polymer which has a weight-average molecular mass ranging up to 30,000 and which comprises:

a) a polymeric skeleton comprising repeating units comprising at least one hetero atom; and

b) at least one fatty chain, optionally functionalized, comprising from 12 to 120 carbon atoms, chosen from pendant fatty chains

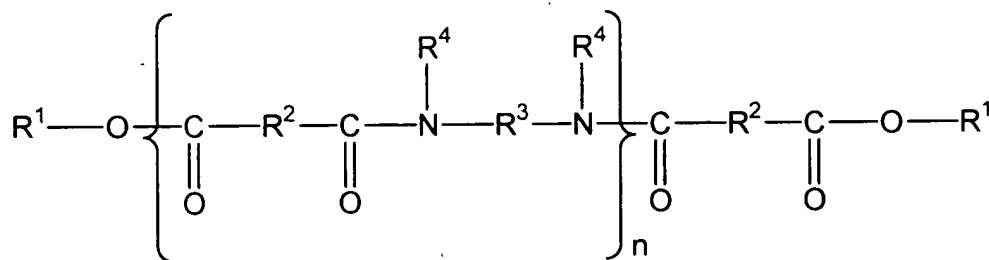
and terminal fatty chains which are bonded to said polymeric skeleton;

wherein said at least one fatty chain is present in a quantity ranging from 40% to 98% of the total number of all said repeating units comprising at least one hetero atom and all said at least one fatty chains; and

wherein said composition is in the form of a structured, wax-free solid.

188. (Previously presented) A composition according to Claim 187, wherein said at least one structuring polymer is chosen from at least one polymer of formula (I):

wherein said at least one structuring polymer is chosen from polymers of formula (I) and mixtures thereof:



in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one structuring polymer ranges from 10% to 50% of the total number of all said ester groups and all said amide groups comprised in said at least one structuring polymer;

- R<sup>1</sup>, which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;

-  $R^2$ , which are identical or different, are each chosen from  $C_4$  to  $C_{42}$

hydrocarbon-based groups with the proviso that at least 50% of  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon-based groups;

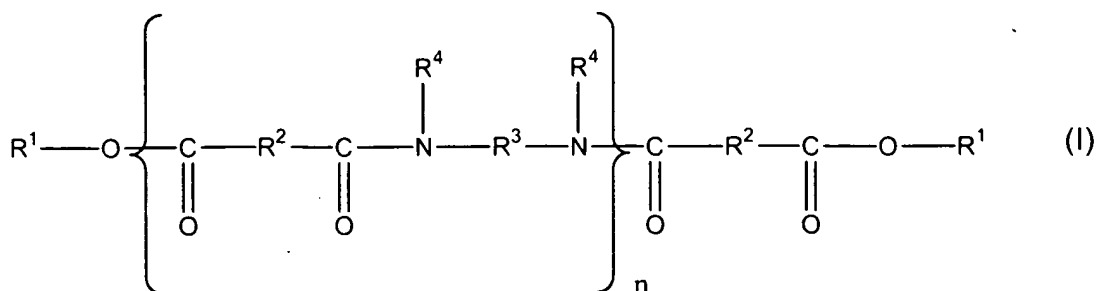
-  $R^3$ , which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms with the proviso that  $R^3$  comprises at least 2 carbon atoms; and

-  $R^4$ , which are identical or different, are each chosen from hydrogen atoms,  $C_1$  to  $C_{10}$  alkyl groups and a direct bond to group chosen from  $R^3$  and another  $R^4$  such that when said at least one group is chosen from another  $R^4$ , the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined in part by  $R^4-N-R^3$ , with the proviso that at least 50% of all  $R^4$  are chosen from hydrogen atoms.

ISSUED CLAIMS  
U.S. Patent No. 6,402,408  
Attorney Docket No. 05725.0659-00000  
Application filed: July 17, 2000

1. A structured composition comprising:
  - (a) at least one liquid fatty phase comprising:
    - (i) at least one structuring polymer comprising a polyamide skeleton which comprises at least one end group with at least one chain chosen from alkyl chains comprising at least four carbon atoms and alkenyl chains comprising at least four carbon atoms, bonded to the skeleton via at least one ester group; and
    - (ii) at least one amphiphilic compound which is liquid at room temperature and which has an HLB value of less than 8.
2. A composition according to Claim 1, wherein said at least one ester group is present in a proportion ranging from 10% to 50% of the total number of all said ester groups and all said amide groups of the at least one structuring polymer.
3. A composition according to Claim 1, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 10,000.
4. A composition according to Claim 3, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 8000.
5. A composition according to Claim 1, wherein said at least one structuring polymer is chosen from at least one polymer of formula (I):





in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one structuring polymer ranges from 10% to 50% of the total number of all said ester groups and all said amide groups comprised in said at least one structuring polymer;
- R<sup>1</sup>, which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;
- R<sup>2</sup>, which are identical or different, are each chosen from C<sub>4</sub> to C<sub>42</sub> hydrocarbon-based groups with the proviso that at least 50% of R<sup>2</sup> are chosen from C<sub>30</sub> to C<sub>42</sub> hydrocarbon-based groups;
- R<sup>3</sup>, which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms with the proviso that R<sup>3</sup> comprises at least 2 carbon atoms; and
- R<sup>4</sup>, which are identical or different, are each chosen from hydrogen atoms, C<sub>1</sub> to C<sub>10</sub> alkyl groups and a direct bond to group chosen from R<sup>3</sup> and another R<sup>4</sup> such that when said at least one group is chosen from another R<sup>4</sup>, the nitrogen atom to which both R<sup>3</sup> and R<sup>4</sup> are bonded forms part of a heterocyclic structure defined in part by R<sup>4</sup>-N-R<sup>3</sup>, with the proviso that at least 50% of all R<sup>4</sup> are chosen from hydrogen atoms.

6. A composition according to Claim 2, wherein said at least one ester group is present in a proportion ranging from 20% to 35% of the total number of all said ester groups and all said amide groups of the at least one structuring polymer.
7. A composition according to Claim 5, wherein said  $R^1$ , which are identical or different, are each chosen from  $C_{12}$  to  $C_{22}$  alkyl groups.
8. A composition according to Claim 7, wherein said  $R^1$ , which are identical or different, are each chosen from  $C_{16}$  to  $C_{22}$  alkyl groups.
9. A composition according to Claim 5, wherein said  $R^2$ , which are identical or different, are each chosen from  $C_{10}$  to  $C_{42}$  hydrocarbon-based groups.
10. A composition according to Claim 5, wherein said  $R^3$ , which are identical or different, are each chosen from  $C_2$  to  $C_{36}$  hydrocarbon-based groups and polyoxyalkylene groups.
11. A composition according to Claim 1, wherein said at least one amphiphilic compound comprises at least one lipophilic part bonded to at least one polar part.
12. A composition according to Claim 11, wherein said at least one lipophilic part comprises a carbon-based chain comprising at least 8 carbon atoms.
13. A composition according to Claim 12, wherein said at least one lipophilic part comprises from 16 to 32 carbon atoms.
14. A composition according to Claim 13, where said at least one lipophilic part comprises from 18 to 28 carbon atoms.
15. A composition according to Claim 11, wherein said at least one polar part is

chosen from compounds derived from alcohols comprising from 1 to 12 hydroxyl groups, polyol groups comprising from 2 to 12 hydroxyl groups, and polyoxyalkylene groups comprising at least 2 oxyalkylene units.

16. A composition according to Claim 15, wherein said polyoxyalkylene groups are chosen from polyoxyalkylene groups which comprise from 0 to 20 oxypropylene units and from 0 to 20 oxyethylene units.

17. A composition according to Claim 1, wherein said at least one amphiphilic compound is chosen from esters.

18. A composition according to Claim 17, wherein said esters are chosen from hydroxystearates of glycerol, oleates of glycerol, isostearates of glycerol, hydroxystearates of sorbitan, oleates of sorbitan, isostearates of sorbitan, hydroxystearates of methylglucose, oleates of methylglucose, isostearates of methylglucose, hydroxystearates of branched C<sub>12</sub> to C<sub>26</sub> fatty alcohols, oleates of branched C<sub>12</sub> to C<sub>26</sub> fatty alcohols and isostearates of branched C<sub>12</sub> to C<sub>26</sub> fatty alcohols.

19. A composition according to Claim 18, wherein said branched C<sub>12</sub> to C<sub>26</sub> fatty alcohols are chosen from octyldodecanols.

20. A composition according to Claim 17, wherein said esters are chosen from monoesters and diesters.

21. A composition according to Claim 1, wherein said at least one amphiphilic compound is present in a concentration ranging from 0.1% to 35% by weight of the total weight of said composition.

22. A composition according to Claim 21, wherein said at least one amphiphilic compound is present in a concentration ranging from 2% to 15% by weight of the total weight of said composition.

23. A composition according to Claim 1, wherein said at least one structuring polymer is present in a concentration ranging from 0.5% to 80% by weight of the total weight of said composition.

24. A composition according to Claim 23, wherein said at least one structuring polymer is present in a concentration ranging from 5% to 40% by weight of the total weight of said composition.

25. A composition according to Claim 1, wherein said at least one liquid fatty phase comprises greater than 40% by weight of the total weight of said at least one liquid fatty phase of at least one apolar oil.

26. A composition according to Claim 25, wherein said at least one liquid fatty phase comprises greater than 50% by weight of the total weight of said at least one liquid fatty phase of at least one apolar oil.

27. A composition according to Claim 1, wherein said at least one liquid fatty phase comprises at least one oil.

28. A composition according to Claim 27, wherein said at least one oil is chosen hydrocarbon-based oils of mineral origin and hydrocarbon-based oils of synthetic origin.

29. A composition according to Claim 1, wherein said at least one liquid fatty phase comprises at least one apolar oil.

30. A composition according to Claim 29, wherein said at least one apolar oil is chosen from parleam oil, isoparaffins and squalane.

31. A composition according to Claim 1, wherein said at least one liquid fatty phase is present in a concentration ranging from 5% to 99% by weight of the total weight of said composition.

32. A composition according to Claim 31, wherein said at least one liquid fatty phase is present in a concentration ranging from 20% to 75% by weight of the total weight of said composition.

33. A composition used to care for at least one keratin material, a composition for treating at least one keratin material, or a make-up composition for at least one keratin material comprising:

(a) at least one liquid fatty phase comprising:

(i) at least one structuring polymer comprising a polyamide skeleton which comprises at least one end group with at least one chain chosen from alkyl chains comprising at least four carbon atoms and alkenyl chains comprising at least four carbon atoms, bonded to the skeleton via at least one ester group; and

(ii) at least one amphiphilic compound which is liquid at room temperature and which has an HLB value of less than 8.

34. A composition according to Claim 1, further comprising at least one dyestuff.

35. A composition according to Claim 34, wherein said at least one dyestuff is chosen from lipophilic dyes, hydrophilic dyes, pigments and naces.

36. A composition according to Claim 34, wherein said at least one dyestuff is present in a concentration ranging from 0.01% to 40% by weight relative to the total weight of said composition.

37. A composition according to Claim 36, wherein said at least one dyestuff is present in a concentration ranging from 5% to 25% by weight relative to the total weight of said composition.

38. A composition according to Claim 1, further comprising at least one suitable additive chosen from water optionally thickened or gelled with an aqueous-phase thickener or gelling agent, antioxidants, essential oils, preserving agents, fragrances, neutralizing agents, liposoluble polymers, cosmetically active agents, dermatologically active agents and waxes.

39. A composition according to Claim 1, wherein said composition is in a form chosen from a paste, a solid, a cream, an oil-in-water emulsion, a water-in-oil emulsion and an anhydrous gel, optionally translucent or transparent.

40. A mascara product, an eyeliner product, a foundation product, a lipstick product, a deodorant product, a make-up product for the body, a make-up-removing product, an eyeshadow product, a face powder product, a concealer product, a treating shampoo product, a hair conditioning product, an antisen product or a care product for the face or the body comprising:

(a) at least one liquid fatty phase comprising:

(i) at least one structuring polymer comprising a polyamide skeleton which comprises at least one end group with at least one chain chosen from alkyl chains

comprising at least four carbon atoms and alkenyl chains comprising at least four carbon atoms, bonded to the skeleton via at least one ester group; and

(ii) at least one amphiphilic compound which is liquid at room temperature and which has an HLB value of less than 8.

41. A composition according to Claim 1, further comprising at least one pigment.

42. A composition according to Claim 1, wherein said at least one amphiphilic compound has an HLB value ranging from 1 to 7.

43. A composition according to Claim 42, wherein said at least one amphiphilic compound has an HLB value ranging from 1 to 5.

44. A composition according to Claim 43, wherein said at least one amphiphilic compound has an HLB value ranging from 3 to 5.

45. A structured composition comprising a cosmetically acceptable medium and further comprising:

(a) at least one liquid fatty phase comprising at least one structuring polymer which comprises a polyamide skeleton comprising at least one end group with at least one chain chosen from alkyl chains comprising at least four carbon atoms and alkenyl chains comprising at least four carbon atoms, bonded to said skeleton via an ester group; and

(b) at least one amphiphilic compound which is liquid at room temperature, with an HLB value of less than 8.

46. A composition according to Claim 45, wherein said composition is in cast form.

47. A composition according to Claim 45, wherein said composition is in the form of a mascara product, an eyeliner product, a foundation product, a lipstick product, a deodorant product, a make-up product for the body, a make-up-removing product, an eyeshadow product, a face powder product, a concealer product, a treating shampoo product, a hair conditioning product, an antisen product or a care product for the face or the body.

48. A composition according to Claim 1, wherein said at least one structuring polymer is chosen from polymers resulting from at least one polycondensation reaction between at least one dicarboxylic acid comprising at least 32 carbon atoms and at least one diamine comprising at least 2 carbon atoms.

49. A composition according to Claim 48, wherein said at least one dicarboxylic acid comprises from 32 to 44 carbon atoms.

50. A composition according to Claim 48, wherein said at least one diamine comprises from 2 to 36 carbon atoms.

51. A composition according to Claim 48, wherein said at least one dicarboxylic acid is chosen from dimers of at least one fatty acid comprising at least 16 carbon atoms.

52. A composition according to Claim 48, wherein said at least one fatty acid is chosen from oleic acid, linoleic acid and linolenic acid.

53. A composition according to Claim 48, wherein said at least one diamine is chosen from ethylenediamine, hexylenediamine, hexamethylenediamine, phenylenediamine and ethylenetriamine.



54. A composition according to Claim 48, wherein said at least one structuring polymer is chosen from polymers comprising one or two terminal carboxylic acid groups.

55. A composition according to Claim 54, wherein said terminal carboxylic acid groups are esterified with at least one alcohol chosen from monoalcohols comprising at least 4 carbon atoms.

56. A composition according to Claim 55, wherein said at least one alcohol is chosen from monoalcohols comprising from 10 to 36 carbon atoms

57. A composition according to Claim 56, wherein said at least one alcohol is chosen from monoalcohols comprising from 12 to 24 carbon atoms.

58. A composition according to Claim 57, wherein said at least one alcohol is chosen from monoalcohols comprising from 16 to 24 carbon atoms.

59. A composition according to Claim 1, wherein said at least one structuring polymer has a softening point of greater than 70°C.

60. A composition according to Claim 59, wherein said at least one structuring polymer has a softening point of 70°C to 190°C.

61. A composition according to Claim 60, wherein said at least one structuring polymer has a softening point of 80°C to 130°C.

62. A composition according to Claim 61, wherein said at least one structuring polymer has a softening point of 80°C to 105°C.

63. A composition according to Claim 5, wherein said n is an integer ranging from 1 to 5.

64. A composition according to Claim 5, wherein said n is equal to zero.

65. A composition according to Claim 1, wherein said composition has a hardness ranging from 20 g to 2000 g.

66. A composition according to Claim 65, wherein said composition has a hardness ranging from 20 g to 900 g.

67. A composition according to Claim 66, wherein said composition has a hardness ranging from 20 g to 600 g.

68. A cosmetic process for caring for, making up or treating a keratin material comprising the application to at least one keratinous material of a cosmetic composition comprising:

(a) at least one liquid fatty phase comprising:

(i) at least one structuring polymer comprising a polyamide skeleton which comprises at least one end group with at least one chain chosen from alkyl chains comprising at least four carbon atoms and alkenyl chains comprising at least four carbon atoms, bonded to the skeleton via at least one ester group; and

(ii) at least one amphiphilic compound which is liquid at room temperature and which has an HLB value of less than 8.

69. A process of structuring a liquid fatty phase in the form of a self-supporting solid comprising including in said at least one liquid fatty phase a sufficient amount of (i) at

least one structuring polymer comprising a polyamide skeleton which comprises at least one end group with at least one chain chosen from alkyl chains comprising at least 4 carbon atoms and alkenyl chains comprising at least 4 carbon atoms, bonded to said polyamide skeleton via at least one ester group, and (ii) at least one amphiphilic compound which is liquid at room temperature having an HLB value of less than 8; and wherein said self-supporting solid is obtained.

70. A process according to Claim 69, wherein said self-supporting solid has a hardness ranging from 20 g to 2000 g.

71. A process according to Claim 70, wherein said self-supporting solid has a hardness ranging from 20 g to 900 g.

72. A process according to Claim 71, wherein said self-supporting solid has a hardness ranging from 20 g to 600 g.

73. A process of structuring at least one liquid fatty phase in the form of a glossy and/or nonmigrating solid comprising combining with said at least one liquid fatty phase a sufficient amount of (i) at least one structuring polymer comprising a polyamide skeleton which comprises at least one end group with at least one chain chosen from alkyl chains comprising at least four carbon atoms and alkenyl chains comprising at least four carbon atoms, bonded to said polyamide skeleton via at least one ester group, and (ii) at least one amphiphilic compound which is liquid at room temperature having an HLB value of less than 8;

wherein said glossy and/or nonmigrating solid is obtained.

74. A process of structuring a cosmetic composition in the form of a physiologically acceptable composition which is glossy and/or nonmigrating comprising including in said composition at least one liquid fatty phase, said at least one liquid fatty phase being structured with at least one structuring polymer which comprises a polyamide skeleton comprising at least one end group with at least one chain chosen from alkyl chains comprising from 4 to 22 carbon atoms and alkenyl chains comprising from 4 to 22 carbon atoms, bonded to said polyamide skeleton via at least one ester group and (ii) at least one amphiphilic compound having an HLB value of less than 8;

wherein said glossy and/or nonmigrating cosmetic composition is obtained.

75. A process of making a cosmetic composition in the form of a physiologically acceptable composition which is glossy and/or nonmigrating comprising including in said composition at least one liquid fatty phase, said at least one liquid fatty phase being structured with at least one structuring polymer which comprises a polyamide skeleton comprising at least one end group with at least one chain chosen from alkyl chains comprising from 4 to 22 carbon atoms and alkenyl chains comprising from 4 to 22 carbon atoms, bonded to said polyamide skeleton via at least one ester group and (ii) at least one amphiphilic compound having an HLB value of less than 8;

wherein said glossy and/or nonmigrating cosmetic composition is obtained.

Pending Claims  
Application No. 09/685,578  
Attorney Docket No. 05725.0659-01000  
Filed: October 11, 2000

1. (Previously presented) A structured composition comprising at least one liquid fatty phase,

wherein said at least one liquid fatty phase is structured with a sufficient amount of at least one structuring polymer comprising a polyamide skeleton which comprises at least one end group with at least one chain chosen from alkyl chains comprising at least four carbon atoms and alkenyl chains comprising at least four carbon atoms, bonded to the skeleton via at least one ester group, and

wherein said at least one structuring polymer is combined with at least one amphiphilic compound which is liquid at room temperature and which has an HLB value of less than 8, and with at least one dyestuff.

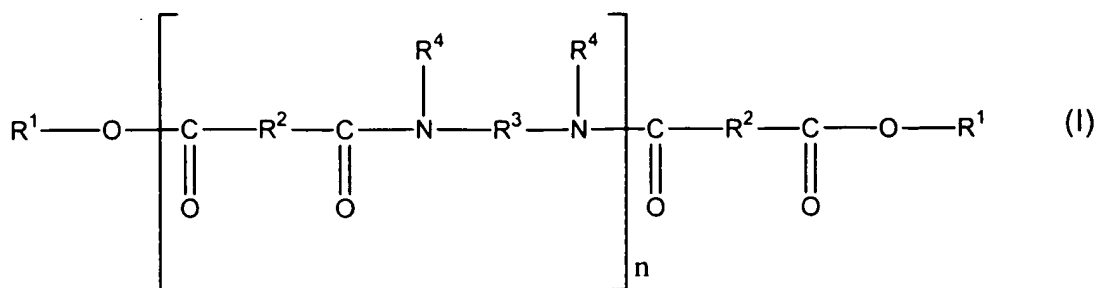
2. (Original) A composition according to Claim 1, wherein said at least one ester group is present in a proportion ranging from 10% to 50% of the total number of all said ester groups and all said amide groups of the at least one structuring polymer.

3. (Original) A composition according to Claim 1, wherein said at least one structuring polymer has a weight-average molecular mass ranging up to 30,000.

4. (Original) A composition according to Claim 3, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 10,000.

5. (Original) A composition according to Claim 4, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 8000.

6. (Previously presented) A composition according to Claim 1, wherein said at least one structuring polymer is chosen from at least one polymer of formula (I):



in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one structuring polymer ranges from 10% to 50% of the total number of all said ester groups and all said amide groups comprised in said at least one structuring polymer;
- R<sup>1</sup>, which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;
- R<sup>2</sup>, which are identical or different, are each chosen from C<sub>4</sub> to C<sub>42</sub> hydrocarbon-based groups with the proviso that at least 50% of R<sup>2</sup> are chosen from C<sub>30</sub> to C<sub>42</sub> hydrocarbon-based groups;
- R<sup>3</sup>, which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms with the proviso that R<sup>3</sup> comprises at least 2 carbon atoms; and
- R<sup>4</sup>, which are identical or different, are each chosen from hydrogen atoms, C<sub>1</sub> to C<sub>10</sub> alkyl groups and a direct bond to group chosen from R<sup>3</sup> and another R<sup>4</sup> such that when said at least one group is chosen from another R<sup>4</sup>, the nitrogen atom to which both R<sup>3</sup> and R<sup>4</sup> are bonded forms part of a heterocyclic structure defined in part by R<sup>4</sup>-N-R<sup>3</sup>, with the proviso that at least 50% of all R<sup>4</sup> are chosen from hydrogen atoms.

7. (Original) A composition according to Claim 2, wherein said at least one ester group is present in a proportion ranging from 20% to 35% of the total number of all said ester groups and all said amide groups of the at least one structuring polymer.
8. (Original) A composition according to Claim 6, wherein said  $R^1$ , which are identical or different, are each chosen from  $C_{12}$  to  $C_{22}$  alkyl groups.
9. (Original) A composition according to Claim 8, wherein said  $R^1$ , which are identical or different, are each chosen from  $C_{16}$  to  $C_{22}$  alkyl groups.
10. (Original) A composition according to Claim 6, wherein said  $R^2$ , which are identical or different, are each chosen from  $C_{10}$  to  $C_{42}$  hydrocarbon-based groups.
11. (Original) A composition according to Claim 6, wherein said  $R^3$ , which are identical or different, are each chosen from  $C_2$  to  $C_{36}$  hydrocarbon-based groups and polyoxyalkylene groups.
12. (Original) A composition according to Claim 1, wherein said at least one amphiphilic compound comprises at least one lipophilic part bonded to at least one polar part.
13. (Original) A composition according to Claim 12, wherein said at least one lipophilic part comprises a carbon-based chain comprising at least 8 carbon atoms.
14. (Original) A composition according to Claim 13, wherein said at least one lipophilic part comprises from 16 to 32 carbon atoms.
15. (Original) A composition according to Claim 14, where said at least one lipophilic part comprises from 18 to 28 carbon atoms.
16. (Original) A composition according to Claim 12, wherein said at least one polar part is chosen from compounds derived from alcohols comprising from 1 to 12

hydroxyl groups, polyol groups comprising from 2 to 12 hydroxyl groups, and polyoxyalkylene groups comprising at least 2 oxyalkylene units.

17. (Original) A composition according to Claim 16, wherein said polyoxyalkylene groups are chosen from polyoxyalkylene groups which comprise from 0 to 20 oxypropylene units and from 0 to 20 oxyethylene units.

18. (Original) A composition according to Claim 1, wherein said at least one amphiphilic compound is chosen from esters.

19. (Original) A composition according to Claim 18, wherein said esters are chosen from hydroxystearates of glycerol, oleates of glycerol, isostearates of glycerol, hydroxystearates of sorbitan, oleates of sorbitan, isostearates of sorbitan, hydroxystearates of methylglucose, oleates of methylglucose, isostearates of methylglucose, hydroxystearates of branched C<sub>12</sub> to C<sub>26</sub> fatty alcohols, oleates of branched C<sub>12</sub> to C<sub>26</sub> fatty alcohols and isostearates of branched C<sub>12</sub> to C<sub>26</sub> fatty alcohols.

20. (Original) A composition according to Claim 19, wherein said branched C<sub>12</sub> to C<sub>26</sub> fatty alcohols are chosen from octyldodecanols.

21. (Original) A composition according to Claim 18, wherein said esters are chosen from monoesters and diesters.

22. (Original) A composition according to Claim 1, wherein said at least one amphiphilic compound is present in a concentration ranging from 0.1% to 35% by weight of the total weight of said composition.



23. (Original) A composition according to Claim 22, wherein said at least one amphiphilic compound is present in a concentration ranging from 2% to 15% by weight of the total weight of said composition.

24. (Original) A composition according to Claim 1, wherein said at least one structuring polymer is present in a concentration ranging from 0.5% to 80% by weight of the total weight of said composition.

25. (Original) A composition according to Claim 24, wherein said at least one structuring polymer is present in a concentration ranging from 5% to 40% by weight of the total weight of said composition.

26. (Original) A composition according to Claim 1, wherein said at least one liquid fatty phase comprises greater than 40% by weight of the total weight of said at least one liquid fatty phase of at least one apolar oil.

27. (Original) A composition according to Claim 26, wherein said at least one liquid fatty phase comprises greater than 50% by weight of the total weight of said at least one liquid fatty phase of at least one apolar oil.

28. (Original) A composition according to Claim 1, wherein said at least one liquid fatty phase comprises at least one oil.

29. (Original) A composition according to Claim 28, wherein said at least one oil is chosen hydrocarbon-based oils of mineral origin and hydrocarbon-based oils of synthetic origin.

30. (Original) A composition according to Claim 1, wherein said at least one liquid fatty phase comprises at least one apolar oil.

31. (Original) A composition according to Claim 30, wherein said at least one apolar oil is chosen from parleam oil, isoparaffins and squalane.

32. (Original) A composition according to Claim 1, wherein said at least one liquid fatty phase is present in a concentration ranging from 5% to 99% by weight of the total weight of said composition.

33. (Original) A composition according to Claim 32, wherein said at least one liquid fatty phase is present in a concentration ranging from 20% to 75% by weight of the total weight of said composition.

34. (Previously presented) A composition used to care for at least one keratin material, a composition for treating at least one keratin material, or a make-up composition for at least one keratin material comprising at least one liquid fatty phase, wherein said at least one liquid fatty phase is structured with a sufficient amount of at least one structuring polymer comprising a polyamide skeleton which comprises at least one end group with at least one chain chosen from alkyl chains comprising at least four carbon atoms and alkenyl chains comprising at least four carbon atoms, bonded to the skeleton via at least one ester group, and

wherein said at least one structuring polymer is combined with at least one amphiphilic compound which is liquid at room temperature and which has an HLB value of less than 8, and with at least one dyestuff.

35. (Cancelled)

36. (Previously presented) A composition according to Claim 1, wherein said at least one dyestuff is chosen from lipophilic dyes, hydrophilic dyes, pigments and nacles.

37. (Original) A composition according to Claim 35, wherein said at least one dyestuff is present in a concentration ranging from 0.01% to 40% by weight relative to the total weight of said composition.

38. (Original) A composition according to Claim 37, wherein said at least one dyestuff is present in a concentration ranging from 5% to 25% by weight relative to the total weight of said composition.

39. (Original) A composition according to Claim 34, wherein said at least one structuring polymer has a weight-average molecular mass ranging up to 30,000.

40. (Original) A composition according to Claim 39, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 10,000.

41. (Original) A composition according to Claim 40, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 8000.

42. (Original) A composition according to Claim 1, further comprising at least one suitable additive chosen from water optionally thickened or gelled with an aqueous-phase thickener or gelling agent, antioxidants, essential oils, preserving agents, fragrances, neutralizing agents, liposoluble polymers, cosmetically active agents, dermatologically active agents and waxes.

43. (Original) A composition according to Claim 1, wherein said composition is in a form chosen from a paste, a solid, a cream, an oil-in-water emulsion, a water-in-oil emulsion and an anhydrous gel, optionally translucent or transparent.

44. (Previously presented) A mascara product, an eyeliner product, a foundation product, a lipstick product, a deodorant product, a make-up product for the body, an eyeshadow product, a face powder product, a concealer product, a treating

shampoo product, a hair conditioning product, or an antisen product comprising at least one liquid fatty phase,

wherein said at least one liquid fatty phase is structured with a sufficient amount of at least one structuring polymer comprising a polyamide skeleton which comprises at least one end group with at least one chain chosen from alkyl chains comprising at least four carbon atoms and alkenyl chains comprising at least four carbon atoms, bonded to the skeleton via at least one ester group, and

wherein said at least one structuring polymer is combined with at least one amphiphilic compound which is liquid at room temperature and which has an HLB value of less than 8.

45. (Original) A product according to Claim 44, wherein said at least one structuring polymer has a weight-average molecular mass ranging up to 30,000.

46. (Original) A product according to Claim 45, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 10,000.

47. (Original) A product according to Claim 46, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 8000.

48. (Original) A composition according to Claim 1, further comprising at least one pigment.

49. (Original) A composition according to Claim 1, wherein said at least one amphiphilic compound has an HLB value ranging from 1 to 7.

50. (Original) A composition according to Claim 49, wherein said at least one amphiphilic compound has an HLB value ranging from 1 to 5.

51. (Original) A composition according to Claim 50, wherein said at least one amphiphilic compound has an HLB value ranging from 3 to 5.

52. (Previously presented) A structured composition comprising a cosmetically acceptable medium and at least one liquid fatty phase,

wherein said at least one liquid fatty phase is structured with a sufficient amount of at least one structuring polymer which comprises a polyamide skeleton comprising at least one end group with at least one chain chosen from alkyl chains comprising at least four carbon atoms and alkenyl chains comprising at least four carbon atoms, bonded to said skeleton via an ester group, and

wherein said at least one structuring polymer is combined with at least one amphiphilic compound which is liquid at room temperature and which has an HLB value of less than 8, and with at least one dyestuff.

53. (Original) A composition according to Claim 52, wherein said at least one structuring polymer has a weight-average molecular mass ranging up to 30,000.

54. (Original) A composition according to Claim 53, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 10,000.

55. (Original) A composition according to Claim 54, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 8000.

56. (Original) A composition according to Claim 52, wherein said composition is in cast form.

57. (Original) A composition according to Claim 52, wherein said composition is in the form of a mascara product, an eyeliner product, a foundation product, a lipstick product, a deodorant product, a make-up product for the body, a make-up-removing

product, an eyeshadow product, a face powder product, a concealer product, a treating shampoo product, a hair conditioning product, an antisen product or a care product for the face or the body.

58. (Original) A composition according to Claim 1, wherein said at least one structuring polymer is chosen from polymers resulting from at least one polycondensation reaction between at least one dicarboxylic acid comprising at least 32 carbon atoms and at least one diamine comprising at least 2 carbon atoms.

59. (Original) A composition according to Claim 58, wherein said at least one dicarboxylic acid comprises from 32 to 44 carbon atoms.

60. (Original) A composition according to Claim 58, wherein said at least one diamine comprises from 2 to 36 carbon atoms.

61. (Original) A composition according to Claim 58, wherein said at least one dicarboxylic acid is chosen from dimers of at least one fatty acid comprising at least 16 carbon atoms.

62. (Original) A composition according to Claim 58, wherein said at least one fatty acid is chosen from oleic acid, linoleic acid and linolenic acid.

63. (Original) A composition according to Claim 58, wherein said at least one diamine is chosen from ethylenediamine, hexylenediamine, hexamethylenediamine, phenylenediamine and ethylenetriamine.

64. (Original) A composition according to Claim 58, wherein said at least one structuring polymer is chosen from polymers comprising one or two terminal carboxylic acid groups.

65. (Original) A composition according to Claim 64, wherein said terminal carboxylic acid groups are esterified with at least one alcohol chosen from monoalcohols comprising at least 4 carbon atoms.

66. (Original) A composition according to Claim 65, wherein said at least one alcohol is chosen from monoalcohols comprising from 10 to 36 carbon atoms.

67. (Original) A composition according to Claim 66, wherein said at least one alcohol is chosen from monoalcohols comprising from 12 to 24 carbon atoms.

68. A composition according to Claim 67, wherein said at least one alcohol is chosen from monoalcohols comprising from 16 to 24 carbon atoms.

69. (Original) A composition according to Claim 1, wherein said at least one structuring polymer has a softening point of greater than 70°C.

70. (Original) A composition according to Claim 69, wherein said at least one structuring polymer has a softening point of 70°C to 190°C.

71. (Original) A composition according to Claim 70, wherein said at least one structuring polymer has a softening point of 80°C to 130°C.

72. (Original) A composition according to Claim 71, wherein said at least one structuring polymer has a softening point of 80°C to 105°C.

73. (Original) A composition according to Claim 6, wherein said  $n$  is an integer ranging from 1 to 5.

74. (Original) A composition according to Claim 6, wherein said  $n$  is equal to zero.

75. (Original) A composition according to Claim 1, wherein said composition has a hardness ranging from 20 g to 2000 g.

76. (Original) A composition according to Claim 75, wherein said composition has a hardness ranging from 20 g to 900 g.

77. (Original) A composition according to Claim 76, wherein said composition has a hardness ranging from 20 g to 600 g.

78. (Previously presented) A cosmetic process for caring for, making up or treating a keratin material comprising the application to at least one keratinous material of a cosmetic composition comprising at least one liquid fatty phase,

wherein said at least one liquid fatty phase is structured with a sufficient amount of at least one structuring polymer comprising a polyamide skeleton which comprises at least one end group with at least one chain chosen from alkyl chains comprising at least four carbon atoms and alkenyl chains comprising at least four carbon atoms, bonded to the skeleton via at least one ester group, and

wherein said at least one structuring polymer is combined with at least one amphiphilic compound which is liquid at room temperature and which has an HLB value of less than 8, and with at least one dyestuff.

79. (Original) A process according to Claim 78, wherein said at least one structuring polymer has a weight-average molecular mass ranging up to 30,000.

80. (Original) A process according to Claim 79, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 10,000.

81. (Original) A process according to Claim 80, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 8000.

82. (Withdrawn) A process of structuring a liquid fatty phase in the form of a self-supporting solid comprising structuring said at least one liquid fatty phase with a



sufficient amount of at least one structuring polymer comprising a polyamide skeleton which comprises at least one end group with at least one chain chosen from alkyl chains comprising at least 4 carbon atoms and alkenyl chains comprising at least 4 carbon atoms, bonded to said polyamide skeleton via at least one ester group,

wherein said at least one structuring polymer is combined with at least one amphiphilic compound which is liquid at room temperature and which has an HLB value of less than 8; and

wherein said self-supporting solid is obtained.

83. (Withdrawn) A process according to Claim 82, wherein said at least one structuring polymer has a weight-average molecular mass ranging up to 30,000.

84. (Withdrawn) A process according to Claim 83, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 10,000.

85. (Withdrawn) A process according to Claim 84, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 8000.

86. (Withdrawn) A process according to Claim 82, wherein said self-supporting solid has a hardness ranging from 20 g to 2000 g.

87. (Withdrawn) A process according to Claim 86, wherein said self-supporting solid has a hardness ranging from 20 g to 900 g.

88. (Withdrawn) A process according to Claim 87, wherein said self-supporting solid has a hardness ranging from 20 g to 600 g.

89. (Withdrawn) A process of structuring at least one liquid fatty phase in the form of a glossy and/or nonmigrating solid comprising structuring said at least one liquid fatty phase with a sufficient amount of at least one structuring polymer comprising a

polyamide skeleton which comprises at least one end group with at least one chain chosen from alkyl chains comprising at least four carbon atoms and alkenyl chains comprising at least four carbon atoms, bonded to said polyamide skeleton via at least one ester group,

wherein said at least one structuring polymer is combined with at least one amphiphilic compound which is liquid at room temperature and which has an HLB value of less than 8; and

wherein said glossy and/or nonmigrating solid is obtained.

90. (Withdrawn) A process according to Claim 89, wherein said at least one structuring polymer has a weight-average molecular mass ranging up to 30,000.

91. (Withdrawn) A process according to Claim 90, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 10,000.

92. (Withdrawn) A process according to Claim 91, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 8000.

93. (Withdrawn) A process of structuring a cosmetic composition in the form of a physiologically acceptable composition which is glossy and/or nonmigrating comprising including in said composition at least one liquid fatty phase, wherein said at least one liquid fatty phase is structured with a sufficient amount of at least one structuring polymer which comprises a polyamide skeleton comprising at least one end group with at least one chain chosen from alkyl chains comprising from 4 to 22 carbon atoms and alkenyl chains comprising from 4 to 22 carbon atoms, bonded to said polyamide skeleton via at least one ester group;

wherein said at least one structuring polymer is combined with at least one amphiphilic compound which has an HLB value of less than 8; and

wherein said glossy and/or nonmigrating cosmetic composition is obtained.

94. (Withdrawn) A process according to Claim 93, wherein said at least one structuring polymer has a weight-average molecular mass ranging up to 30,000.

95. (Withdrawn) process according to Claim 94, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 10,000.

96. (Withdrawn) A process according to Claim 95, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 8000.

97. (Withdrawn) A process of making a cosmetic composition in the form of a physiologically acceptable composition which is glossy and/or nonmigrating comprising including in said composition at least one liquid fatty phase, said at least one liquid fatty phase being structured with a sufficient amount of at least one structuring polymer which comprises a polyamide skeleton comprising at least one end group with at least one chain chosen from alkyl chains comprising from 4 to 22 carbon atoms and alkenyl chains comprising from 4 to 22 carbon atoms, bonded to said polyamide skeleton via at least one ester group,

wherein said at least one structuring polymer is combined with at least one amphiphilic compound which has an HLB value of less than 8; and

wherein said glossy and/or nonmigrating cosmetic composition is obtained.

98. (Withdrawn) A process according to Claim 97, wherein said at least one structuring polymer has a weight-average molecular mass ranging up to 30,000.

99. (Withdrawn) process according to Claim 98, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 10,000.

100. (Withdrawn) A process according to Claim 99, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 8000.

101. (Previously presented) A mascara product, an eyeliner product, a foundation product, a lipstick product, a deodorant product, a make-up product for the body, a make-up-removing product, an eyeshadow product, a face powder product, a concealer product, a treating shampoo product, a hair conditioning product, an antisen product or a care product for the face or the body comprising at least one liquid fatty phase,

wherein said at least one liquid fatty phase is structured with a sufficient amount of at least one structuring polymer comprising a polyamide skeleton which comprises at least one end group with at least one chain chosen from alkyl chains comprising at least four carbon atoms and alkenyl chains comprising at least four carbon atoms, bonded to the skeleton via at least one ester group, and

wherein said at least one structuring polymer is combined with at least one amphiphilic compound which is liquid at room temperature and which has an HLB value of less than 8, and with at least one dyestuff.

102. (Withdrawn) A structured composition comprising at least one liquid fatty phase,

wherein said at least one liquid fatty phase is structured with a sufficient amount of at least one structuring polymer comprising a polyamide skeleton which comprises at least one end group with at least one chain chosen from alkyl chains comprising at least

four carbon atoms and alkenyl chains comprising at least four carbon atoms, bonded to the skeleton via at least one ester group,

wherein said at least one structuring polymer is combined with at least one amphiphilic compound which is liquid at room temperature and which has an HLB value of less than 8;

wherein said structured composition is in the form of a self-supporting solid; and further

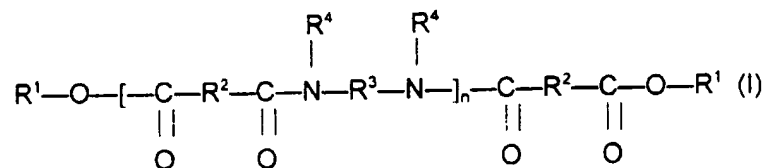
wherein said self-supporting solid structured composition is in the form of a stick.

PENDING CLAIMS  
Application No. 10/182,830  
Attorney Docket No. 05725.0795-01000  
Filed: August 2, 2002

104. A method of making-up eyelashes comprising applying to said eyelashes a mascara composition comprising:

- (i) at least one solid substance that has a melting point of about 45°C or greater;
- (ii) at least one liquid fatty phase structured by at least one polymer;
- (iii) at least one structuring polymer chosen from polymers of following formula

(I):



in which n denotes a number of amide units, such that the number of ester groups represents from 10% to 50% of the total number of ester and amide groups; R<sup>1</sup> is, in each case, independently an alkyl or alkenyl group having at least 4 carbon atoms; R<sup>2</sup> independently represents, in each case, a C<sub>4</sub> to C<sub>42</sub> hydrocarbonaceous group, provided that 50% of the R<sup>2</sup> groups represent a C<sub>30</sub> to C<sub>42</sub> hydrocarbonaceous group; R<sup>3</sup> independently represents, in each case, an organic group provided with at least 2 carbon atoms, with hydrogen atoms and optionally with one or more oxygen or nitrogen atoms; and R<sup>4</sup> independently represents, in each case, a hydrogen atom, a C<sub>1</sub> to C<sub>10</sub>

alkyl group or a direct bond to  $R^3$  or another  $R^4$ , so that the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined by  $R^4-N-R^3$ , with at least 50% of the  $R^4$  groups representing a hydrogen atom;

- (iv) water;
- (v) at least one coloring agent; and
- (vi) at least one preservative.

105. The method of making up eyelashes according to claim 104, wherein the at least one fatty phase comprises at least one volatile oil.

106. The method of making up eyelashes according to claim 105, wherein said at least one volatile oil is chosen from isododecane.\

107. The method of making up eyelashes according to claim 104, further comprising at least one neutralizing agent.

108. A method of making up eyelashes comprising applying to said eyelashes a mascara composition comprising:

- (i) at least one solid substance that has a melting point of about 45°C or greater;
- (ii) at least one liquid fatty phase structured by at least one polymer:
- (iii) at least one structuring polymer chosen from ethylenediamine/stearyl dimer tallate copolymer;

- (iv) water;
- (v) at least one coloring agent; and
- (vi) at least one preservative.

109. The method of making up eyelashes according to claim 108, wherein the at least one fatty phase comprises at least one volatile oil.

110. The method of making up eyelashes according to claim 109, wherein said at least one volatile oil is chosen from isododecane.

111. The method of making up eyelashes according to claim 108, further comprising at least one neutralizing agent.



# PENDING CLAIMS

Application No. Not yet assigned (Continuation of Application No. 10/182,830)

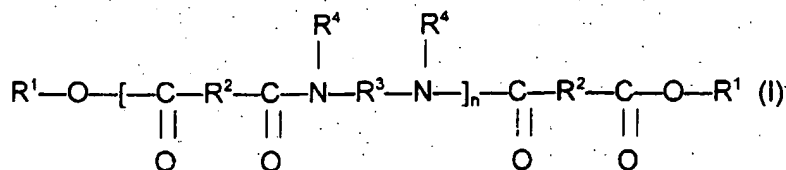
Attorney Docket No. 05725.0795-02000

Filed: February 27, 2004

104. A method of making a mascara comprising including in said mascara:

- (i) at least one solid substance that has a melting point of about 45°C or greater;
- (ii) at least one fatty phase structured by at least one polymer;
- (iii) at least one structuring polymer chosen from polymers of following formula

(I):



in which n denotes a number of amide units, such that the number of ester groups represents from 10% to 50% of the total number of ester and amide groups; R<sup>1</sup> is, in each case, independently an alkyl or alkenyl group having at least 4 carbon atoms; R<sup>2</sup> independently represents, in each case, a C<sub>4</sub> to C<sub>42</sub> hydrocarbonaceous group, provided that 50% of the R<sup>2</sup> groups represent a C<sub>30</sub> to C<sub>42</sub> hydrocarbonaceous group; R<sup>3</sup> independently represents, in each case, an organic group provided with at least 2 carbon atoms, with hydrogen atoms and optionally with one or more oxygen or nitrogen atoms; and R<sup>4</sup> independently represents, in each case, a hydrogen atom, a C<sub>1</sub> to C<sub>10</sub> alkyl group or a direct bond to R<sup>3</sup> or another R<sup>4</sup>, so that the nitrogen atom to which both

$R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined by  $R^4-N-R^3$ , with at least 50% of the  $R^4$  groups representing a hydrogen atom;

- (iv) water;
- (v) at least one coloring agent; and
- (vi) at least one preservative.

105. The method of making a mascara according to claim 104, wherein the at least one fatty phase comprises at least one volatile oil.

106. The method of making a mascara according to claim 105, wherein said at least one volatile oil is chosen from isododecane.

107. The method of making a mascara according to claim 104, further comprising including at least one neutralizing agent.

108. A method of making a mascara comprising including in said mascara:

- (i) at least one solid substance that has a melting point of about 45°C or greater;
- (ii) at least one fatty phase structured by at least one polymer;
- (iii) at least one structuring polymer chosen from ethylenediamine/stearyl dimer tallate copolymer;
- (iv) water;
- (v) at least one coloring agent; and

(vi) at least one preservative.

109. The method of making a mascara according to claim 108, wherein the at least one fatty phase comprises at least one volatile oil.

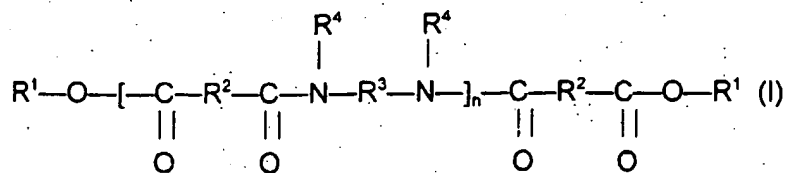
110. The method of making a mascara according to claim 109, wherein said at least one volatile oil is chosen from isododecane.

111. The method of making a mascara according to claim 108, further comprising including at least one neutralizing agent.

112. A method of making a mascara comprising mixing:

- (i) at least one solid substance that has a melting point of about 45°C or greater;
- (ii) at least one fatty phase structured by at least one polymer;
- (iii) at least one structuring polymer chosen from polymers of following formula

(I):



in which  $n$  denotes a number of amide units, such that the number of ester groups represents from 10% to 50% of the total number of ester and amide groups;  $R^1$  is, in each case, independently an alkyl or alkenyl group having at least 4 carbon atoms;  $R^2$  independently represents, in each case, a  $C_4$  to  $C_{42}$  hydrocarbonaceous group, provided that 50% of the  $R^2$  groups represent a  $C_{30}$  to  $C_{42}$  hydrocarbonaceous group;  $R^3$  independently represents, in each case, an organic group provided with at least 2 carbon atoms, with hydrogen atoms and optionally with one or more oxygen or nitrogen atoms; and  $R^4$  independently represents, in each case, a hydrogen atom, a  $C_1$  to  $C_{10}$  alkyl group or a direct bond to  $R^3$  or another  $R^4$ , so that the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined by  $R^4-N-R^3$ , with at least 50% of the  $R^4$  groups representing a hydrogen atom;

- (iv) water;
- (v) at least one coloring agent; and
- (vi) at least one preservative.

113. The method of making a mascara according to claim 112, wherein the at least one fatty phase comprises at least one volatile oil.

114. The method of making a mascara according to claim 113, wherein said at least one volatile oil is chosen from isododecane.

115. The method of making a mascara according to claim 112 further comprising including at least one neutralizing agent.

116. A method of making a mascara comprising mixing:

- (i) at least one solid substance that has a melting point of about 45°C or greater;
- (ii) at least one fatty phase structured by at least one polymer;
- (iii) at least one structuring polymer chosen from ethylenediamine/stearyl dimer tallate copolymer;
- (iii) water;
- (iv) at least one coloring agent; and
- (ii) at least one preservative.

117. The method of making a mascara according to claim 116, wherein the at least one fatty phase comprises at least one volatile oil.

118. The method of making a mascara according to claim 117, wherein said at least one volatile oil is chosen from isododecane.

119. The method of making a mascara according to claim 116, further comprising including at least one neutralizing agent.



PENDING CLAIMS  
Application No. 09/733,896  
Attorney Docket No. 05725.0806-00000  
Filed: December 12, 2000

1. (Original) A composition comprising at least one liquid fatty phase which comprises:
  - (i) at least one structuring polymer comprising:  
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and
  - (ii) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.
2. (Original) The composition according to claim 1, wherein said at least one structuring polymer further comprises at least one of:
  - at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and
  - at least one pendant fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group.
3. (Original) The composition according to claim 2, wherein said alkyl chains and said alkenyl chains each comprise at least four carbon atoms.
4. (Original) The composition according to claim 3, wherein said alkyl chains and said alkenyl chains each comprise from 8 to 120 carbon atoms.
5. (Original) The composition according to claim 4, wherein said alkyl chains and said alkenyl chains each comprise from 12 to 68 carbon atoms.
6. (Original) The composition according to claim 2, wherein said at least one linking group is chosen from single bonds and urea, urethane, thiourea, thiourethane, thioether, thioester, ester, ether and amine groups.
7. (Original) The composition according to claim 6, wherein said at least one linking group is an ester group present in a proportion ranging from

15% to 40% of the total number of all ester and hetero atom groups in the at least one structuring polymer.

8. (Original) The composition according to claim 7, wherein said at least one linking group is an ester group present in a proportion ranging from 20% to 35% of the total number of all ester and hetero atom groups in the at least one structuring polymer.

9. (Original) The composition according to claim 2, wherein said at least one terminal fatty chain is functionalized.

10. (Original) The composition according to claim 2, wherein said at least one pendant fatty chain is functionalized.

11. (Original) The composition according to claim 2, wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 40% to 98% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer.

12. (Original) The composition according to claim 11, wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 50% to 95% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer.

13. (Original) The composition according to claim 1, wherein said at least one structuring polymer has a weight-average molecular mass of less than 100,000.

14. (Original) The composition according to claim 13, wherein said at least one structuring polymer has a weight-average molecular mass of less than 50,000.

15. (Original) The composition according to claim 14, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 30,000.

16. (Original) The composition according to claim 15, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 20,000.



17. (Original) The composition according to claim 16, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 10,000.

18. (Original) The composition according to claim 1, wherein said at least one hydrocarbon based repeating unit comprises from 2 to 80 carbon atoms.

19. (Original) The composition according to claim 18, wherein said at least one hydrocarbon based repeating unit comprises from 2 to 60 carbon atoms.

20. (Original) The composition according to claim 1, wherein said at least one hydrocarbon based repeating unit is chosen from saturated and unsaturated hydrocarbon-based units which are chosen from linear hydrocarbon-based repeating units, branched hydrocarbon-based repeating units and cyclic hydrocarbon-based repeating units.

21. (Original) The composition according to claim 1, wherein said at least one hetero atom of said at least one hydrocarbon-based repeating unit is chosen from nitrogen, sulphur, and phosphorus.

22. (Original) The composition according to claim 21, wherein said at least one hetero atom is a nitrogen atom.

23. (Original) The composition according to claim 21, wherein said at least one hetero atom is combined with at least one atom chosen from oxygen and carbon to form a hetero atom group.

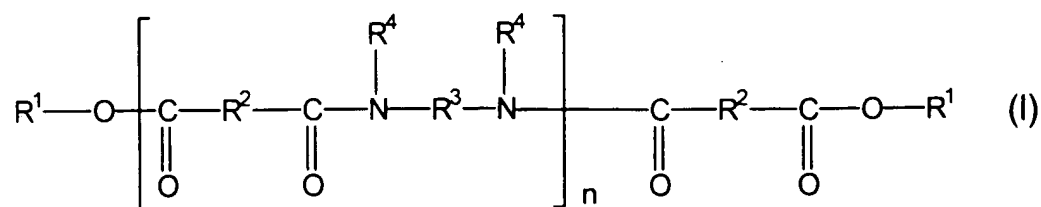
24. (Original) The composition according to claim 23, wherein said at least one hetero atom group further comprises a carbonyl group.

25. (Original) The composition according to claim 23, wherein said at least one hetero atom group is chosen from amide groups, carbamate groups, and urea groups.

26. (Original) The composition according to claim 25, wherein said at least one hetero atom group is an amide group and said polymer skeleton is a polyamide skeleton.

27. (Original) The composition according to claim 25, wherein said at least one hetero atom group is chosen from carbamate groups and urea groups and said polymer skeleton is chosen from a polyurethane skeleton, a polyurea skeleton and a polyurethane-polyurea skeleton.

28. (Original) The composition according to claim 1, wherein said at least one structuring polymer is chosen from polymers of formula (I):



in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;
- R<sup>1</sup>, which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;
- R<sup>2</sup>, which are identical or different, are each chosen from C<sub>4</sub> to C<sub>42</sub> hydrocarbon-based groups with the proviso that at least 50% of R<sup>2</sup> are chosen from C<sub>30</sub> to C<sub>42</sub> hydrocarbon-based groups;
- R<sup>3</sup>, which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms with the proviso that R<sup>3</sup> comprises at least 2 carbon atoms; and
- R<sup>4</sup>, which are identical or different, are each chosen from hydrogen atoms, C<sub>1</sub> to C<sub>10</sub> alkyl groups and a direct bond to at least one group chosen from R<sup>3</sup> and another R<sup>4</sup> such that when said at least one group is chosen from another R<sup>4</sup>, the nitrogen atom to which both R<sup>3</sup> and R<sup>4</sup> are bonded forms part of a

heterocyclic structure defined in part by  $R^4-N-R^3$ , with the proviso that at least 50% of all  $R^4$  are chosen from hydrogen atoms.

29. (Original) The composition according to claim 28, wherein in said formula (I),  $n$  is an integer ranging from 1 to 5.

30. (Original) The composition according to claim 29, wherein in said formula (I),  $n$  is an integer ranging from 3 to 5.

31. (Original) The composition according to claim 28, wherein in said formula (I), said alkyl groups of  $R^1$  and said alkenyl groups of  $R^1$  each independently comprise from 4 to 24 carbon atoms.

32. (Original). The composition according to claim 31, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{12}$  to  $C_{22}$  alkyl groups.

33. (Original) The composition according to claim 32, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{16}$  to  $C_{22}$  alkyl groups.

34. (Original) The composition according to claim 28, wherein in said formula (I),  $R^2$ , which are identical or different, are each chosen from  $C_{10}$  to  $C_{42}$  hydrocarbon based groups with the proviso that at least 50% of  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

35. (Original) The composition according to claim 34, wherein at least 75% of  $R^2$ , which are identical or different, are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

36. (Original) The composition according to claim 28, wherein in said formula (I),  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{36}$  hydrocarbon-based groups and polyoxyalkylene groups.

37. (Original) The composition according to claim 36, wherein  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{12}$  hydrocarbon-based groups.

38. (Original) The composition according to claim 28, wherein in said formula (I),  $R^4$ , which can be identical or different, are each chosen from hydrogen atoms.

39. (Original) The composition according to claim 28, wherein said at least one polymer of formula (I) is in the form of mixtures of polymers, wherein said mixtures optionally also comprise a compound of formula (I) wherein n is equal to zero.

40. (Original) The composition according to claim 1, wherein said at least one structuring polymer has a softening point greater than 50°C.

41. (Original) The composition according to claim 40, wherein said at least one structuring polymer has a softening point ranging from 65°C to 190°C.

42. (Original) The composition according to claim 41, wherein said at least one structuring polymer has a softening point ranging from 70°C to 130°C.

43. (Original) The composition according to claim 42, wherein said at least one structuring polymer has a softening point ranging from 80°C to 105°C.

44. (Original) The composition according to claim 1, wherein said at least one structuring polymer is present in the composition in an amount ranging from 0.5% to 80% by weight relative to the total weight of the composition.

45. (Original) The composition according to claim 44, wherein said at least one structuring polymer is present in the composition in an amount ranging from 2% to 60% by weight relative to the total weight of the composition.

46. (Original) The composition according to claim 45, wherein said at least one structuring polymer is present in the composition in an amount ranging from 5% to 40% by weight relative to the total weight of the composition.

47. (Original) The composition according to claim 1, wherein said composition has a hardness ranging from 30 to 300 g.

48. (Original) The composition according to claim 47, wherein said composition has a hardness ranging from 30 to 250 g.

49. (Original) The composition according to claim 48, wherein said composition has a hardness ranging from 30 to 200 g.

50. (Original) The composition according to claim 1, wherein said at least one liquid fatty phase of the composition comprises at least one oil.

51. (Original) The composition according to claim 50, wherein said at least one oil is chosen from at least one polar oil and at least one apolar oil.

52. (Original) The composition according to claim 51, wherein said at least one polar oil is chosen from:

- hydrocarbon-based plant oils with a high content of triglycerides comprising fatty acid esters of glycerol in which the fatty acids comprise chains having from 4 to 24 carbon atoms, said chains possibly being chosen from linear and branched, and saturated and unsaturated chains;
- synthetic oils or esters of formula  $R_5COOR_6$  in which  $R_5$  is chosen from linear and branched fatty acid residues comprising from 1 to 40 carbon atoms and  $R_5 + R_6 \geq 10$ ;
- synthetic ethers containing from 10 to 40 carbon atoms;
- $C_8$  to  $C_{26}$  fatty alcohols; and
- $C_8$  to  $C_{26}$  fatty acids.

53. (Original) The composition according to claim 51, wherein said at least one apolar oil is chosen from:

- silicone oils chosen from volatile and non-volatile, linear and cyclic polydimethylsiloxanes that are liquid at room temperature;
- polydimethylsiloxanes comprising alkyl or alkoxy groups which are pendant and/or at the end of the silicone chain, the groups each containing from 2 to 24 carbon atoms;
- phenylsilicones; and
- hydrocarbons chosen from linear and branched, volatile and non-volatile hydrocarbons of synthetic and mineral origin.

54. (Original) The composition according to claim 1, wherein said at least one liquid fatty phase comprises at least one non-volatile oil.

55. (Original) The composition according to claim 54, wherein said at least one non-volatile oil is chosen from hydrocarbon-based oils of mineral, plant and synthetic origin, synthetic esters and ethers, and silicone oils.

56. (Original) The composition according to claim 1, wherein said at least one liquid fatty phase is present in an amount ranging from 1% to 99% by weight relative to the total weight of the composition.

57. (Original) The composition according to claim 56, wherein said at least one liquid fatty phase is present in an amount ranging from 5% to 95.5% by weight relative to the total weight of the composition.

58. (Original) The composition according to claim 57, wherein said at least one liquid fatty phase is present in an amount ranging from 10% to 80% by weight relative to the total weight of the composition.

59. (Original) The composition according to claim 58, wherein said at least one liquid fatty phase is present in an amount ranging from 20% to 75% by weight relative to the total weight of the composition.

60. (Original) The composition according to claim 1, wherein said at least one liquid fatty phase comprises at least one volatile solvent chosen from hydrocarbon-based solvents and silicone solvents optionally comprising alkyl or alkoxy groups that are pendant or at the end of a silicone chain.

61. (Original) The composition according to claim 60, wherein said at least one volatile solvent is present in an amount up to 95.5% relative to the total weight of the composition.

62. (Original) The composition according to claim 61, wherein said at least one volatile solvent is present in an amount ranging from 2% to 75% relative to the total weight of the composition.

63. (Original) The composition according to claim 62, wherein said at least one volatile solvent is present in an amount ranging from 10% to 45% relative to the total weight of the composition.

64. (Original) The composition according to claim 1, wherein said composition further comprises at least one additional gum.

65. (Original) The composition according to claim 64, wherein said at least one additional gum is chosen from alkylated guar gums.

66. (Original) The composition according to claim 1, wherein said alkyl celluloses are chosen from ethylcelluloses.

67. (Original) The composition according to claim 1, wherein said alkylated guar gums are chosen from C<sub>1</sub>-C<sub>5</sub> alkyl galactomannans.

68. (Original) The composition according to claim 1, wherein said alkylated guar gums are chosen from ethyl guar.

69. (Original) The composition according to claim 1, wherein said at least one oil-soluble polymer is present in a concentration ranging from 0.05% to 10.0% by weight, relative to the total weight of the composition.

70. (Original) The composition according to claim 69, wherein said at least one oil-soluble polymer is present in a concentration ranging from 0.1% to 5% by weight, relative to the total weight of the composition.

71. (Original) The composition according to claim 70, wherein said at least one oil-soluble polymer is present in a concentration ranging from 0.1% to 3% by weight, relative to the total weight of the composition.

72. (Original) The composition according to claim 1, wherein the composition is in a form chosen from a fluid gel, rigid gel, fluid simple emulsion, rigid simple emulsion, fluid multiple emulsion, and rigid multiple emulsion.

73. (Original) The composition according to claim 1, wherein said composition is a solid.

74. (Original) The composition according to claim 73, wherein said composition is a solid chosen from molded and poured sticks.

75. (Original) The composition according to claim 1, wherein said at least one liquid fatty phase further comprises a silicone oil.

76. (Original) The composition according to claim 1, further comprising at least one fatty alcohol.

77. (Original) The composition according to claim 76, wherein said at least one fatty alcohol is chosen from C<sub>8</sub> to C<sub>26</sub> fatty alcohols.

78. (Original) The composition according to claim 77, wherein said at least one fatty alcohol is chosen from C<sub>12</sub> to C<sub>20</sub> fatty alcohols.

79. (Original) The composition according to claim 78, wherein said C<sub>12</sub> to C<sub>20</sub> fatty alcohols are chosen from myristyl alcohol, cetyl alcohol, stearyl alcohol and behenyl alcohol.

80. (Original) The composition according to claim 79 wherein the at least one fatty alcohol is present in a concentration ranging from 0.5% to 10% by weight, relative to the weight of the composition.

81. (Original) The composition according to claim 80 wherein the at least one fatty alcohol is present in a concentration ranging from 0.5% to 8% by weight, relative to the weight of the composition.

82. (Original) The composition according to claim 1, further comprising at least one oil-soluble polymer.

83. (Original) The composition according to claim 82, wherein said at least one oil-soluble polymer is are chosen from alkylated guar gums and alkyl celluloses.

84. (Original) The composition according to claim 82 wherein the at least one oil-soluble polymer is present in a concentration ranging from 0.05% to 10% by weight, relative to the weight of the composition.

85. (Original) The composition according to claim 84 wherein the at least one oil-soluble polymer is present in a concentration ranging from 0.1% to 5% by weight, relative to the weight of the composition.

86. (Original) The composition according to claim 85 wherein the at least one oil-soluble polymer is present in a concentration ranging from 0.1% to 3% by weight, relative to the weight of the composition.

87. (Original) A composition according to claim 1, further comprising at least one oil-soluble ester.

88. (Original) The composition according to claim 87 wherein the at least one oil-soluble ester comprises at least one free hydroxy group.

89. (Original) The composition according to claim 87 wherein the at least one oil-soluble ester is not castor oil.

90. (Original) The composition according to claim 87 wherein the at least one oil-soluble ester is present in a concentration ranging from 10% to 84% by weight, relative to the weight of the composition.



91. (Original) The composition according to claim 90 wherein the at least one oil-soluble ester is present in a concentration ranging from 20% to 70% by weight, relative to the weight of the composition.

92. (Original) The composition according to claim 1, further comprising at least one wax.

93. (Previously presented) The composition according to claim 92, wherein said at least one wax is chosen from carnauba wax, candelilla wax, ouricury wax, Japan wax, cork fiber wax, sugar cane wax, paraffin waxes, lignite wax, microcrystalline waxes, lanolin wax, montan wax, polyethylene waxes, waxes obtained by Fischer-Tropsch synthesis, silicone waxes, ozokerites, hydrogenated jojoba oil, fatty acid esters, and fatty acid ester glycerides.

94. (Original) The composition according to claim 92, wherein said at least one wax is present at a concentration of up to 3% relative to the total weight of said composition.

95. (Original) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer, wherein said at least one structuring polymer is at least one polyamide polymer comprising:

a polymer skeleton which comprises at least one amide repeating unit;  
and

(ii) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

96. (Original) The composition according to claim 95, wherein said at least one polyamide polymer further comprises at least one of:

at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

at least one pendant fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group.

97. (Original) The composition according to claim 96, wherein said alkyl chains and said alkenyl chains each comprise at least four carbon atoms.

98. (Original) The composition according to claim 97, wherein said alkyl chains and said alkenyl chains each comprise from 8 to 120 carbon atoms.

99. (Original) The composition according to claim 98, wherein said alkyl chains and said alkenyl chains each comprise from 12 to 68 carbon atoms.

100. (Original) The composition according to claim 96, wherein said at least one linking group is chosen from single bonds and urea, urethane, thiourea, thiourethane, thioether, thioester, ester, ether and amine groups.

101. (Original) The composition according to claim 100, wherein said at least one linking group is an ester group present in a proportion ranging from 15% to 40% of the total number of all ester and amide groups in the at least one polyamide polymer.

102. (Original) The composition according to claim 101, wherein said at least one linking group is an ester group present in a proportion ranging from 20% to 35% of the total number of all ester and amide groups in the at least one polyamide polymer.

103. (Original) The composition according to claim 96, wherein said at least one terminal fatty chain is functionalized.

104. (Original) The composition according to claim 96, wherein said at least one pendant fatty chain is functionalized.

105. (Original) The composition according to claim 96, wherein in said at least one polyamide polymer, the percentage of the total number of fatty chains ranges from 40% to 98% relative to the total number of all amide units and fatty chains in the at least one polyamide polymer.

106. (Original) The composition according to claim 95, wherein in said at least one polyamide polymer, the percentage of the total number of fatty chains ranges from 50% to 95% relative to the total number of all amide units and fatty chains in the at least one polyamide polymer.

107. (Original) The composition according to claim 95, wherein said at least one polyamide polymer has a weight-average molecular mass of less than 100,000.

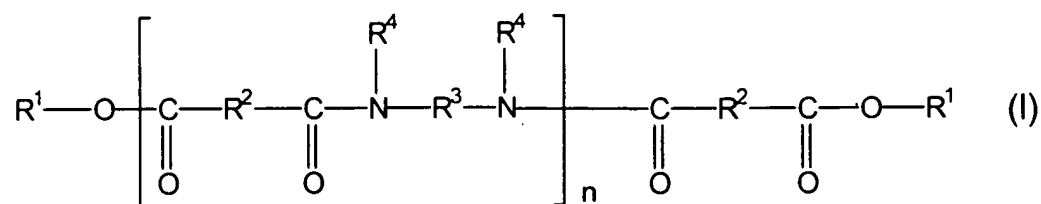
108. (Original) The composition according to claim 107, wherein said at least one polyamide polymer has a weight-average molecular mass of less than 50,000.

109. (Original) The composition according to claim 108, wherein said at least one polyamide polymer has a weight-average molecular mass ranging from 1000 to 30,000.

110. (Original) The composition according to claim 109, wherein said at least one polyamide polymer has a weight-average molecular mass ranging from 2000 to 20,000.

111. (Original) The composition according to claim 110, wherein said at least one polyamide polymer has a weight-average molecular mass ranging from 2000 to 10,000.

112. (Original) The composition according to claim 95, wherein said at least one polyamide polymer is chosen from polymers of formula (I):



in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;
- $R^1$ , which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;

- $R^2$ , which are identical or different, are each chosen from  $C_4$  to  $C_{42}$  hydrocarbon-based groups with the proviso that at least 50% of  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon-based groups;
- $R^3$ , which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms with the proviso that  $R^3$  comprises at least 2 carbon atoms; and
- $R^4$ , which are identical or different, are each chosen from hydrogen atoms,  $C_1$  to  $C_{10}$  alkyl groups and a direct bond to at least one group chosen from  $R^3$  and another  $R^4$  such that when said at least one group is chosen from another  $R^4$ , the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined in part by  $R^4-N-R^3$ , with the proviso that at least 50% of all  $R^4$  are chosen from hydrogen atoms.

113. (Original) The composition according to claim 112, wherein in said formula (I),  $n$  is an integer ranging from 1 to 5.

114. (Original) The composition according to claim 113, wherein in said formula (I),  $n$  is an integer ranging from 3 to 5.

115. (Original) The composition according to claim 112, wherein in said formula (I), said alkyl groups of  $R^1$  and said alkenyl groups of  $R^1$  each independently comprise from 4 to 24 carbon atoms.

116. (Original) The composition according to claim 115, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{12}$  to  $C_{22}$  alkyl groups.

117. (Original) The composition according to claim 116 wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{16}$  to  $C_{22}$  alkyl groups.

118. (Original) The composition according to claim 112, wherein in said formula (I),  $R^2$ , which are identical or different, are each chosen from  $C_{10}$  to  $C_{42}$  hydrocarbon based groups with the proviso that at least 50% of  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

119. (Original) The composition according to claim 118, wherein at least 75% of  $R^2$ , which are identical or different, are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

120. (Original) The composition according to claim 112, wherein in said formula (I),  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{36}$  hydrocarbon-based groups and polyoxyalkylene groups.

121. (Original) The composition according to claim 120, wherein  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{12}$  hydrocarbon-based groups.

122. (Original) The composition according to claim 112, wherein in said formula (I),  $R^4$ , which can be identical or different, are each chosen from hydrogen atoms.

123. (Original) The composition according to claim 112, wherein said at least one polymer of formula (I) is in the form of mixtures of polymers, wherein said mixtures optionally also comprise a compound of formula (I) wherein n is equal to zero.

124. (Original) The composition according to claim 115, wherein said at least one polyamide polymer is chosen from polymers resulting from at least one polycondensation reaction between at least one dicarboxylic acid comprising at least 32 carbon atoms and at least one amine chosen from diamines comprising at least 2 carbon atoms and triamines comprising at least two carbon atoms.

125. (Original) The composition according to claim 124, wherein said at least one dicarboxylic acid comprises from 32 to 44 carbon atoms and said diamines comprise from 2 to 36 carbon atoms.

126. (Original) The composition according to claim 125, wherein said at least one dicarboxylic acid is chosen from dimers of at least one fatty acid comprising at least 16 carbon atoms.

127. (Original) The composition according to claim 126, wherein said at least one fatty acid is chosen from oleic acid, linoleic acid and linolenic acid.

128. (Original) The composition according to claim 124, wherein said diamines are chosen from ethylenediamine, hexylenediamine,

hexamethylenediamine, phenylenediamine and said triamines are chosen from ethylenetriamine.

129. (Original) The composition according to claim 95, wherein said at least one polyamide polymer is chosen from polymers comprising at least one terminal carboxylic acid group.

130. (Original) The composition according to claim 129, wherein said at least one terminal carboxylic acid group is esterified with at least one alcohol chosen from monoalcohols comprising at least 4 carbon atoms.

131. (Original) The composition according to claim 95, wherein said at least one polyamide polymer is chosen from:

- polymers chosen from mixtures of copolymers derived from monomers of (i) C<sub>36</sub> diacids and (ii) ethylenediamine, and having a weight-average molecular mass of about 6000;

- polyamide polymers resulting from the condensation of at least one aliphatic dicarboxylic acid and at least one diamine, the carbonyl and amine groups being condensed via an amide bond; and

- polyamide resins from vegetable sources.

132. (Original) The composition according to claim 95, wherein said at least one polyamide polymer has a softening point greater than 50°C.

133. (Original) The composition according to claim 132, wherein said at least one polyamide polymer has a softening point ranging from 65°C to 190°C.

134. (Original) The composition according to claim 133, wherein said at least one polyamide polymer has a softening point ranging from 70°C to 130°C.

135. (Original) The composition according to claim 134, wherein said at least one polyamide polymer has a softening point ranging from 80°C to 105°C.

136. (Original) The composition according to claim 95, wherein said at least one polyamide polymer is present in the composition in an amount ranging from 0.5% to 80% by weight relative to the total weight of the composition.

137. (Original) The composition according to claim 136, wherein said at least one polyamide polymer is present in the composition in an amount ranging from 2% to 60% by weight relative to the total weight of the composition.

138. (Original) The composition according to claim 137, wherein said at least one polyamide polymer is present in the composition in an amount ranging from 5% to 40% by weight relative to the total weight of the composition.

139. (Original) The composition according to claim 95, wherein said composition has a hardness ranging from 30 to 300 g.

140. (Original) The composition according to claim 139, wherein said composition has a hardness ranging from 30 to 250 g.

141. (Original) The composition according to claim 140, wherein said composition has a hardness ranging from 30 to 200 g.

142. (Original) The composition according to claim 95, wherein said at least one liquid fatty phase of the composition comprises at least one oil.

143. (Original) The composition according to claim 142, wherein said at least one oil is chosen from at least one polar oil and at least one apolar oil.

144. (Original) The composition according to claim 143, wherein said at least one polar oil is chosen from:

- hydrocarbon-based plant oils with a high content of triglycerides comprising fatty acid esters of glycerol in which the fatty acids comprise chains having from 4 to 24 carbon atoms, said chains possibly being chosen from linear and branched, and saturated and unsaturated chains;
- synthetic oils or esters of formula  $R_5COOR_6$  in which  $R_5$  is chosen from linear and branched fatty acid residues comprising from 1 to 40 carbon atoms and  $R_5 + R_6 \geq 10$ ;
- synthetic ethers containing from 10 to 40 carbon atoms;
- $C_8$  to  $C_{26}$  fatty alcohols; and
- $C_8$  to  $C_{26}$  fatty acids.

145. (Original) The composition according to claim 143, wherein said at least one apolar oil is chosen from:

- silicone oils chosen from volatile and non-volatile, linear and cyclic polydimethylsiloxanes that are liquid at room temperature;

- polydimethylsiloxanes comprising alkyl or alkoxy groups which are pendant and/or at the end of the silicone chain, the groups each containing from 2 to 24 carbon atoms;
- phenylsilicones; and
- hydrocarbons chosen from linear and branched, volatile and non-volatile hydrocarbons of synthetic and mineral origin.

146. (Original) The composition according to claim 95, wherein said at least one liquid fatty phase comprises at least one non-volatile oil.

147. (Original) The composition according to claim 146, wherein said at least one non-volatile oil is chosen from hydrocarbon-based oils of mineral, plant and synthetic origin, synthetic esters and ethers, and silicone oils.

148. (Original) The composition according to claim 147, wherein said at least one liquid fatty phase is present in an amount ranging from 1% to 99% by weight relative to the total weight of the composition.

149. (Original) The composition according to claim 148, wherein said at least one liquid fatty phase is present in an amount ranging from 5% to 95.5% by weight relative to the total weight of the composition.

150. (Original) The composition according to claim 149, wherein said at least one liquid fatty phase is present in an amount ranging from 10% to 80% by weight relative to the total weight of the composition.

151. (Original) The composition according to claim 150, wherein said at least one liquid fatty phase is present in an amount ranging from 20% to 75% by weight relative to the total weight of the composition.

152. (Original) The composition according to claim 95, wherein said at least one liquid fatty phase comprises at least one volatile solvent chosen from hydrocarbon-based solvents and silicone solvents optionally comprising alkyl or alkoxy groups that are pendant or at the end of a silicone chain.

153. (Original) The composition according to claim 152, wherein said at least one volatile solvent is present in an amount up to 95.5% relative to the total weight of the composition.



154. (Original) The composition according to claim 153, wherein said at least one volatile solvent is present in an amount ranging from 2% to 75% relative to the total weight of the composition.

155. (Original) The composition according to claim 154, wherein said at least one volatile solvent is present in an amount ranging from 10% to 45% relative to the total weight of the composition.

156. (Original) The composition according to claim 95, wherein said composition further comprises at least one additional gum.

157. (Original) The composition according to claim 95, wherein said at least one additional gum is chosen from alkylated guar gums.

158. (Original) The composition according to claim 95, wherein said alkyl celluloses are chosen from ethylcelluloses.

159. (Original) The composition according to claim 95, wherein said alkylated guar gums are chosen from C<sub>1</sub>-C<sub>5</sub> alkyl galactomannans.

160. (Original) The composition according to claim 95, wherein said alkylated guar gums are chosen from ethyl guar.

161. (Original) The composition according to claim 95, wherein said at least one oil-soluble polymer is present in a concentration ranging from 0.05% to 10.0% by weight, relative to the total weight of the composition.

162. (Original) The composition according to claim 161, wherein said at least one oil-soluble polymer is present in a concentration ranging from 0.1% to 5% by weight, relative to the total weight of the composition.

163. (Original) The composition according to claim 162, wherein said at least one oil-soluble polymer is present in a concentration ranging from 0.1% to 3% by weight, relative to the total weight of the composition.

164. (Original) The composition according to claim 95, wherein the composition is in a form chosen from a fluid gel, rigid gel, fluid simple emulsion, rigid simple emulsion, fluid multiple emulsion, and rigid multiple emulsion.

165. (Original) The composition according to claim 95, wherein said composition is a solid.

166. (Original) The composition according to claim 165, wherein said composition is a solid chosen from molded and poured sticks.

167. (Original) The composition according to claim 95, wherein said at least one liquid fatty phase further comprises a silicone oil.

168. (Original) The composition according to claim 95, further comprising at least one fatty alcohol.

169. (Original) The composition according to claim 168, wherein said at least one fatty alcohol is chosen from C<sub>8</sub> to C<sub>26</sub> fatty alcohols.

170. (Original) The composition according to claim 169, wherein said at least one fatty alcohol is chosen from C<sub>12</sub> to C<sub>20</sub> fatty alcohols.

171. (Original) The composition according to claim 170, wherein said C<sub>12</sub> to C<sub>20</sub> fatty alcohols are chosen from myristyl alcohol, cetyl alcohol, stearyl alcohol and behenyl alcohol.

172. (Original) The composition according to claim 168 wherein the at least one fatty alcohol is present in a concentration ranging from 0.5% to 10% by weight, relative to the weight of the composition.

173. (Original) The composition according to claim 172 wherein the at least one fatty alcohol is present in a concentration ranging from 0.5% to 8% by weight, relative to the weight of the composition.

174. (Original) The composition according to claim 95, further comprising at least one oil-soluble polymer.

175. (Original) The composition according to claim 174, wherein said at least one oil-soluble polymer is chosen from alkylated guar gums and alkyl celluloses.

176. (Original) The composition according to claim 174, wherein the at least one oil-soluble polymer is present in a concentration ranging from 0.05% to 10% by weight, relative to the weight of the composition.

177. (Original) The composition according to claim 176, wherein the at least one oil-soluble polymer is present in a concentration ranging from 0.1% to 5% by weight, relative to the weight of the composition.

178. (Original) The composition according to claim 177, wherein the at least one oil-soluble polymer is present in a concentration ranging from 0.1% to 3% by weight, relative to the weight of the composition.

179. (Original) A composition according to claim 95, further comprising at least one oil-soluble ester.

180. (Original) The composition according to claim 179 wherein the at least one oil-soluble ester comprises at least one free hydroxy group.

181. (Original) The composition according to claim 179 wherein the at least one oil-soluble ester is not castor oil.

182. (Original) The composition according to claim 179 wherein the at least one oil-soluble ester is present in a concentration ranging from 10% to 84% by weight, relative to the weight of the composition.

183. (Original) The composition according to claim 182 wherein the at least one oil-soluble ester is present in a concentration ranging from 20% to 70% by weight, relative to the weight of the composition.

184. (Original) The composition according to claim 95, further comprising at least one wax.

185. (Previously presented) The composition according to claim 184, wherein said at least one wax is chosen from carnauba wax, candelilla wax, ouricury wax, Japan wax, cork fiber wax, sugar cane wax, paraffin waxes, lignite wax, microcrystalline waxes, lanolin wax, montan wax, polyethylene waxes, waxes obtained by Fischer-Tropsch synthesis, silicone waxes, ozokerites, hydrogenated jojoba oil, fatty acid esters, and fatty acid ester glycerides.

186. (Original) The composition according to claim 184, wherein said at least one wax is present at a concentration of up to 3% relative to the total weight of said composition.

187. (Original) An anhydrous composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

188. (Original) The anhydrous composition according to claim 187, wherein said at least one structuring polymer further comprises at least one of:

at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

at least one pendant fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group.

189. (Original) The anhydrous composition according to claim 188, wherein said alkyl chains and said alkenyl chains each comprise at least four carbon atoms.

190. (Original) The anhydrous composition according to claim 189, wherein said alkyl chains and said alkenyl chains each comprise from 8 to 120 carbon atoms.

191. (Original) The anhydrous composition according to claim 190, wherein said alkyl chains and said alkenyl chains each comprise from 12 to 68 carbon atoms.

192. (Original) The anhydrous composition according to claim 188, wherein said at least one linking group is chosen from single bonds and urea, urethane, thiourea, thiourethane, thioether, thioester, ester, ether and amine groups.

193. (Original) The anhydrous composition according to claim 192, wherein said at least one linking group is an ester group present in a proportion ranging from 15% to 40% of the total number of all ester and hetero atom groups in the at least one structuring polymer.

194. (Original) The anhydrous composition according to claim 193, wherein said at least one linking group is an ester group present in a proportion ranging from 20% to 35% of the total number of all ester and hetero atom groups in the at least one structuring polymer.

195. (Original) The anhydrous composition according to claim 188, wherein said at least one terminal fatty chain is functionalized.

196. (Original) The anhydrous composition according to claim 188, wherein said at least one pendant fatty chain is functionalized.

197. (Original) The anhydrous composition according to claim 188, wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 40% to 98% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer.

198. (Original) The anhydrous composition according to claim 197, wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 50% to 95% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer.

199. (Original) The anhydrous composition according to claim 187, wherein said at least one structuring polymer has a weight-average molecular mass of less than 100,000.

200. (Original) The anhydrous composition according to claim 199, wherein said at least one structuring polymer has a weight-average molecular mass of less than 50,000.

201. (Original) The anhydrous composition according to claim 200, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 30,000.

202. (Original) The anhydrous composition according to claim 201, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 20,000.

203. (Original) The anhydrous composition according to claim 202, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 10,000.

204. (Original) The anhydrous composition according to claim 187, wherein said at least one hydrocarbon based repeating unit comprises from 2 to 80 carbon atoms.

205. (Original) The anhydrous composition according to claim 204, wherein said at least one hydrocarbon based repeating unit comprises from 2 to 60 carbon atoms.

206. (Original) The anhydrous composition according to claim 187, wherein said at least one hydrocarbon based repeating unit is chosen from saturated and unsaturated hydrocarbon-based units which are chosen from linear hydrocarbon-based repeating units, branched hydrocarbon-based repeating units and cyclic hydrocarbon-based repeating units.

207. (Original) The anhydrous composition according to claim 187, wherein said at least one hetero atom of said at least one hydrocarbon-based repeating unit is chosen from nitrogen, sulphur, and phosphorus.

208. (Original) The anhydrous composition according to claim 207, wherein said at least one hetero atom is a nitrogen atom.

209. (Original) The anhydrous composition according to claim 208, wherein said at least one hetero atom is combined with at least one atom chosen from oxygen and carbon to form a hetero atom group.

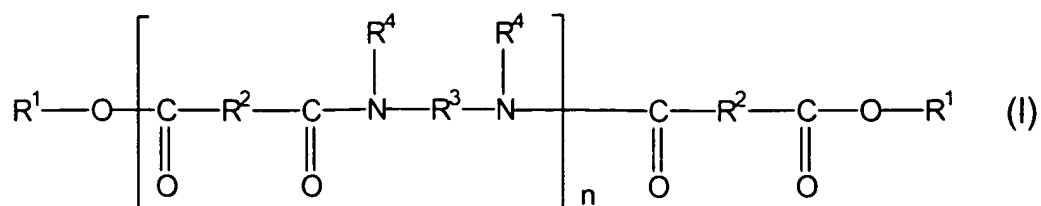
210. (Original) The anhydrous composition according to claim 209, wherein said at least one hetero atom group further comprises a carbonyl group.

211. (Original) The anhydrous composition according to claim 209, wherein said at least one hetero atom group is chosen from amide groups, carbamate groups, and urea groups.

212. (Original) The anhydrous composition according to claim 211, wherein said at least one hetero atom group is an amide group and said polymer skeleton is a polyamide skeleton.

213. (Original) The anhydrous composition according to claim 211, wherein said at least one hetero atom group is chosen from carbamate groups and urea groups and said polymer skeleton is chosen from a polyurethane skeleton, a polyurea skeleton and a polyurethane-polyurea skeleton.

214. (Original) The anhydrous composition according to claim 187, wherein said at least one structuring polymer is chosen from polymers of formula (I):



in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;

- $R^1$ , which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;

- $R^2$ , which are identical or different, are each chosen from  $C_4$  to  $C_{42}$  hydrocarbon-based groups with the proviso that at least 50% of  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon-based groups;

- $R^3$ , which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms with the proviso that  $R^3$  comprises at least 2 carbon atoms; and

- $R^4$ , which are identical or different, are each chosen from hydrogen atoms,  $C_1$  to  $C_{10}$  alkyl groups and a direct bond to at least one group chosen from  $R^3$  and another  $R^4$  such that when said at least one group is chosen from another  $R^4$ , the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined in part by  $R^4-N-R^3$ , with the proviso that at least 50% of all  $R^4$  are chosen from hydrogen atoms.

215. (Original) The anhydrous composition according to claim 214, wherein in said formula (I), n is an integer ranging from 1 to 5.

216. (Original) The anhydrous composition according to claim 215, wherein in said formula (I), n is an integer ranging from 3 to 5.

217. (Original) The anhydrous composition according to claim 214, wherein in said formula (I), said alkyl groups of  $R^1$  and said alkenyl groups of  $R^1$  each independently comprise from 4 to 24 carbon atoms.

218. (Original) The anhydrous composition according to claim 217, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{12}$  to  $C_{22}$  alkyl groups.

219. (Original) The anhydrous composition according to claim 218, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{16}$  to  $C_{22}$  alkyl groups.

220. (Original) The anhydrous composition according to claim 214, wherein in said formula (I),  $R^2$ , which are identical or different, are each chosen from  $C_{10}$  to  $C_{42}$  hydrocarbon based groups with the proviso that at least 50% of  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

221. (Original) The anhydrous composition according to claim 220, wherein at least 75% of  $R^2$ , which are identical or different, are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

222. (Original) The anhydrous composition according to claim 214, wherein in said formula (I),  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{36}$  hydrocarbon-based groups and polyoxyalkylene groups.

223. (Original) The anhydrous composition according to claim 222, wherein  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{12}$  hydrocarbon-based groups.

224. (Original) The anhydrous composition according to claim 214, wherein in said formula (I),  $R^4$ , which can be identical or different, are each chosen from hydrogen atoms.

225. (Original) The anhydrous composition according to claim 224, wherein said at least one polymer of formula (I) is in the form of mixtures of polymers, wherein said mixtures optionally also comprise a compound of formula (I) wherein n is equal to zero.



1

226. (Original) The anhydrous composition according to claim 187, wherein said at least one structuring polymer has a softening point greater than 50°C.

227. (Original) The anhydrous composition according to claim 226, wherein said at least one structuring polymer has a softening point ranging from 65°C to 190°C.

228. (Original) The anhydrous composition according to claim 227, wherein said at least one structuring polymer has a softening point ranging from 70°C to 130°C.

229. (Original) The anhydrous composition according to claim 228, wherein said at least one structuring polymer has a softening point ranging from 80°C to 105°C.

230. (Original) The anhydrous composition according to claim 187, wherein said at least one structuring polymer is present in the composition in an amount ranging from 0.5% to 80% by weight relative to the total weight of the composition.

231. (Original) The anhydrous composition according to claim 230, wherein said at least one structuring polymer is present in the composition in an amount ranging from 2% to 60% by weight relative to the total weight of the composition.

232. (Original) The anhydrous composition according to claim 231, wherein said at least one structuring polymer is present in the composition in an amount ranging from 5% to 40% by weight relative to the total weight of the composition.

233. (Original) The anhydrous composition according to claim 187, wherein said composition has a hardness ranging from 30 to 300 g.

234. (Original) The anhydrous composition according to claim 233, wherein said composition has a hardness ranging from 30 to 250 g.

235. (Original) The anhydrous composition according to claim 234, wherein said composition has a hardness ranging from 30 to 200 g.

236. (Original) The anhydrous composition according to claim 187, wherein said at least one liquid fatty phase of the composition comprises at least one oil.

237. (Original) The anhydrous composition according to claim 236, wherein said at least one oil is chosen from at least one polar oil and at least one apolar oil.

238. (Original) The anhydrous composition according to claim 237, wherein said at least one polar oil is chosen from:

- hydrocarbon-based plant oils with a high content of triglycerides comprising fatty acid esters of glycerol in which the fatty acids comprise chains having from 4 to 24 carbon atoms, said chains possibly being chosen from linear and branched, and saturated and unsaturated chains;
- synthetic oils or esters of formula  $R_5COOR_6$  in which  $R_5$  is chosen from linear and branched fatty acid residues comprising from 1 to 40 carbon atoms and  $R_5 + R_6 \geq 10$ ;
- synthetic ethers containing from 10 to 40 carbon atoms;
- $C_8$  to  $C_{26}$  fatty alcohols; and
- $C_8$  to  $C_{26}$  fatty acids.

239. (Original) The anhydrous composition according to claim 237, wherein said at least one apolar oil is chosen from:

- silicone oils chosen from volatile and non-volatile, linear and cyclic polydimethylsiloxanes that are liquid at room temperature;
- polydimethylsiloxanes comprising alkyl or alkoxy groups which are pendant and/or at the end of the silicone chain, the groups each containing from 2 to 24 carbon atoms;
- phenylsilicones; and
- hydrocarbons chosen from linear and branched, volatile and non-volatile hydrocarbons of synthetic and mineral origin.

240. (Original) The anhydrous composition according to claim 187, wherein said at least one liquid fatty phase comprises at least one non-volatile oil.

241. (Original) The anhydrous composition according to claim 240, wherein said at least one non-volatile oil is chosen from hydrocarbon-based oils of mineral, plant and synthetic origin, synthetic esters and ethers, and silicone oils.

242. (Original) The anhydrous composition according to claim 187, wherein said at least one liquid fatty phase is present in an amount ranging from 1% to 99% by weight relative to the total weight of the composition.

243. (Original) The anhydrous composition according to claim 242, wherein said at least one liquid fatty phase is present in an amount ranging from 5% to 95.5% by weight relative to the total weight of the composition.

244. (Original) The anhydrous composition according to claim 243 wherein said at least one liquid fatty phase is present in an amount ranging from 10% to 80% by weight relative to the total weight of the composition.

245. (Original) The anhydrous composition according to claim 244, wherein said at least one liquid fatty phase is present in an amount ranging from 20% to 75% by weight relative to the total weight of the composition.

246. (Original) The anhydrous composition according to claim 187, wherein said at least one liquid fatty phase comprises at least one volatile solvent chosen from hydrocarbon-based solvents and silicone solvents optionally comprising alkyl or alkoxy groups that are pendant or at the end of a silicone chain.

247. (Original) The anhydrous composition according to claim 246, wherein said at least one volatile solvent is present in an amount up to 95.5% relative to the total weight of the composition.

248. (Original) The anhydrous composition according to claim 247, wherein said at least one volatile solvent is present in an amount ranging from 2% to 75% relative to the total weight of the composition.

249. (Original) The anhydrous composition according to claim 248, wherein said at least one volatile solvent is present in an amount ranging from 10% to 45% relative to the total weight of the composition.

250. (Original) The anhydrous composition according to claim 187, wherein said composition further comprises at least one additional gum.

251. (Original) The anhydrous composition according to claim 250, wherein said at least one additional gum is chosen from alkylated gums.

252. (Original) The anhydrous composition according to claim 187, wherein said alkyl celluloses are chosen from ethylcelluloses.

253. (Original) The anhydrous composition according to claim 187, wherein said alkylated guar gums are chosen from C<sub>1</sub>-C<sub>5</sub> alkyl galactomannans.

254. (Original) The anhydrous composition according to claim 187, wherein said alkylated guar gums are chosen from ethyl guar.

255. (Original) The anhydrous composition according to claim 187, wherein said at least one oil-soluble polymer is present in a concentration ranging from 0.05% to 10.0% by weight, relative to the total weight of the composition.

256. (Original) The anhydrous composition according to claim 255, wherein said at least one oil-soluble polymer is present in a concentration ranging from 0.1% to 5% by weight, relative to the total weight of the composition.

257. (Original) The anhydrous composition according to claim 256, wherein said at least one oil-soluble polymer is present in a concentration ranging from 0.1% to 3% by weight, relative to the total weight of the composition.

258. (Original) The anhydrous composition according to claim 187, wherein the composition is in a form chosen from a fluid gel, rigid gel, fluid simple emulsion, rigid simple emulsion, fluid multiple emulsion, and rigid multiple emulsion.

259. (Original) The anhydrous composition according to claim 187, wherein said composition is a solid.

260. (Original) The anhydrous composition according to claim 259, wherein said composition is a solid chosen from molded and poured sticks.

261. (Original) The composition according to claim 187, wherein said at least one liquid fatty phase further comprises a silicone oil.

262. (Original) The composition according to claim 187, further comprising at least one fatty alcohol.

263. (Original) The composition according to claim 262, wherein said at least one fatty alcohol is chosen from C<sub>8</sub> to C<sub>26</sub> fatty alcohols.

264. (Original) The composition according to claim 263, wherein said at least one fatty alcohol is chosen from C<sub>12</sub> to C<sub>20</sub> fatty alcohols.

265. (Original) The composition according to claim 264, wherein said C<sub>12</sub> to C<sub>20</sub> fatty alcohols are chosen from myristyl alcohol, cetyl alcohol, stearyl alcohol and behenyl alcohol.

266. (Original) The composition according to claim 262 wherein the at least one fatty alcohol is present in a concentration ranging from 0.5% to 10% by weight, relative to the weight of the composition.

267. (Original) The composition according to claim 266 wherein the at least one fatty alcohol is present in a concentration ranging from 0.5% to 8% by weight, relative to the weight of the composition.

268. (Original) The composition according to claim 187, further comprising at least one oil-soluble polymer.

269. (Original) The composition according to claim 268, wherein said oil-soluble polymers are chosen from alkylated guar gums and alkyl celluloses.

270. (Original) The composition according to claim 268 wherein the at least one oil-soluble polymer is present in a concentration ranging from 0.05% to 10% by weight, relative to the weight of the composition.

271. (Original) The composition according to claim 270 wherein the at least one oil-soluble polymer is present in a concentration ranging from 0.1% to 5% by weight, relative to the weight of the composition.

272. (Original) The composition according to claim 271 wherein the at least one oil-soluble polymer is present in a concentration ranging from 0.1% to 3% by weight, relative to the weight of the composition.

273. (Original) A composition according to claim 187, further comprising at least one oil-soluble ester.

274. (Original) The composition according to claim 273 wherein the at least one oil-soluble ester comprises at least one free hydroxy group.

275. (Original) The composition according to claim 273 wherein the at least one oil-soluble ester is not castor oil.

276. (Original) The composition according to claim 273 wherein the at least one oil-soluble ester is present in a concentration ranging from 10% to 84% by weight, relative to the weight of the composition.

277. (Original) The composition according to claim 276 wherein the at least one oil-soluble ester is present in a concentration ranging from 20% to 70% by weight, relative to the weight of the composition.

278. (Original) The composition according to claim 187, further comprising at least one wax.

279. (Previously presented) The anhydrous composition according to claim 278, wherein said at least one wax is chosen from carnauba wax, candelilla wax, ouricury wax, Japan wax, cork fiber wax, sugar cane wax, paraffin waxes, lignite wax, microcrystalline waxes, lanolin wax, montan wax, polyethylene waxes, waxes obtained by Fischer-Tropsch synthesis, silicone waxes, ozokerites, hydrogenated jojoba oil, fatty acid esters, and fatty acid ester glycerides.

280. (Original) The composition according to claim 278, wherein said at least one wax is present at a concentration of up to 3% relative to the total weight of said composition.

281. (Original) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom with the proviso that said at least one hetero atom is not nitrogen; and

(ii) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

282. (Withdrawn) A foundation, mascara, eye liner, concealer, lipstick, blush for cheeks or eyelids, body makeup, sun screen, colorant for skin or hair, skin care formula, shampoo, after shampoo treatment, or makeup removing product comprising:

at least one liquid fatty phase in said foundation, mascara, eye liner, concealer, lipstick, blush for cheeks or eyelids, body makeup, sun screen, colorant for skin or hair, skin care formula, shampoo, after shampoo treatment, or makeup removing product which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

283. (Withdrawn) The composition according to claim 282, wherein said composition is a solid.

284. (Withdrawn) An anhydrous deodorant comprising:

at least one liquid fatty phase in said deodorant which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

285. (Withdrawn) The composition according to claim 284, wherein said composition is a solid.

286. (Original) A make-up and/or care and/or treatment composition for keratinous fibers comprising:

at least one liquid fatty phase in said composition which comprises:

(i) at least one structuring polymer comprising:

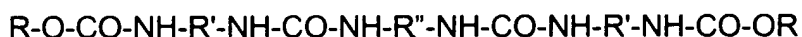
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

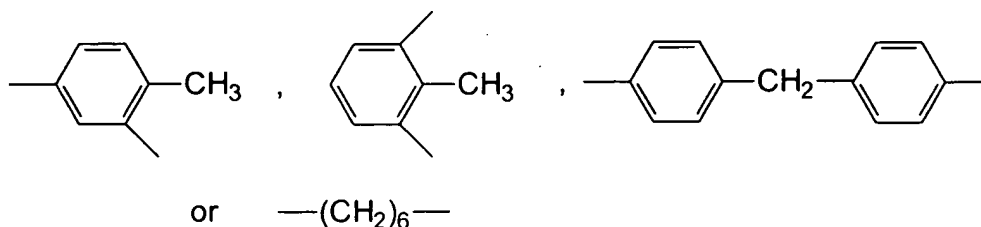
287. (Withdrawn) A lipstick composition in stick form comprising at least one continuous liquid fatty phase, at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums, and at least one non-waxy structuring polymer having a weight-average molecular mass of less than 100,000 in said lipstick composition, said at least one continuous liquid fatty phase, said at least one oil-soluble polymer, and said at least one non-waxy structuring polymer being present in said lipstick composition.

288. (Original) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer chosen from urea urethanes having the following formula:

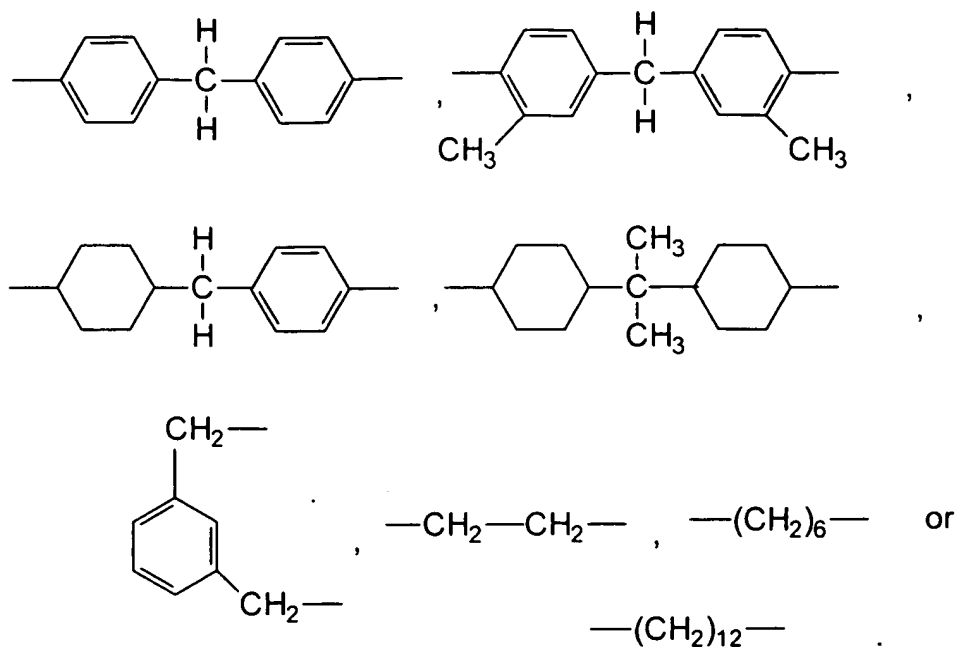


wherein R represents  $\text{C}_n\text{H}_{2n+1}-$ , wherein n represents an integer having a value greater than 22 or  $\text{C}_m\text{H}_{2m+1}(\text{OC}_p\text{H}_{2p})_r-$ , wherein m represents an integer having a value of greater than 18, p represents an integer having a value of from 2 to 4, and r represents an integer having a value of from 1 to 10; R' represents:



and R'' represents:





; and

(ii) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

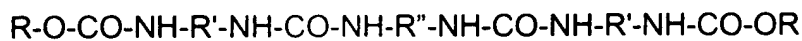
289. (Original) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

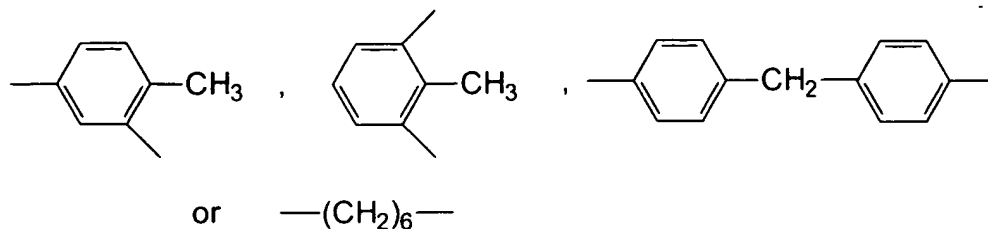
(ii) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums,

wherein said at least one structuring polymer does not include



wherein R represents  $\text{C}_n\text{H}_{2n+1}-$  or  $\text{C}_m\text{H}_{2m+1}(\text{C}_p\text{H}_{2p}\text{O})_r-$ ; n represents an integer having a value of from 4 to 22; m represents an integer having a value of from 1

to 18; p represents an integer having a value of from 2 to 4; and r represents an integer having a value of from 1 to 10; R' represents:



and R'' represents:

290. (Original) A make up, care, or treatment composition for the skin or lips comprising a structured composition comprising at least one liquid fatty phase in said composition structured with at least one structuring polymer comprising a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom, at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums, and at least one coloring agent.

291. (Original) A treatment, care or make-up composition for keratinous fibers comprising a structured composition in said composition containing at least one liquid fatty phase structured with at least one structuring polymer comprising a polymer skeleton comprising at least one hydrocarbon-based repeating unit comprising at least one hetero atom, at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums, and at least one coloring agent.

292. (Original) A structured composition comprising at least one liquid fatty phase in said composition structured with at least one structuring polymer comprising a polymer skeleton comprising at least one hydrocarbon-based repeating unit comprising at least one hetero atom, wherein the at least one structuring polymer further comprises at least one terminal fatty chain, optionally functionalized, chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group chosen from amides, ureas, and esters, wherein when said at least

1

one linking group is chosen from esters, said at least one terminal fatty chain is chosen from branched alkyl groups and at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

293. (Original) A composition according to claim 292, wherein said at least one structuring polymer may also comprise at least one pendant fatty chain, optionally functionalized, chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via bonded to any carbon or hetero atom of the polymer skeleton via at least one linking group chosen from amides, ureas, and esters, wherein when said at least one linking group is chosen from esters, said at least one pendant fatty chain is chosen from branched alkyl groups.

294. (Original) A structured composition comprising at least one liquid fatty phase in said composition structured with at least one structuring polymer comprising a polymer skeleton comprising at least one hydrocarbon-based repeating unit comprising at least one hetero atom, wherein the at least one structuring polymer further comprises at least one pendant fatty chain, optionally functionalized, chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group chosen from amides, ureas, and esters, wherein when said at least one linking group is chosen from esters, said at least one pendant fatty chain is chosen from branched alkyl groups and at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

295. (Original) A method for care, make up, or treatment of a keratin material chosen from lips, skin, and keratinous fibers, comprising applying to said keratin material of a cosmetic composition comprising:  
at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

296. (Original) A method for making a cosmetic composition in the form of a physiologically acceptable composition comprising including in said composition at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

297. (Original) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

(ii) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

298. (Original) A method for providing at least one of resistance to shear and stability to a cosmetic composition, comprising including in said cosmetic composition a cosmetic composition at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums,

and further wherein said at least one structuring polymer and said at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums are present in a combined amount effective to provide at least one property chosen from resistance to shear and stability.

299. (Original) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising: a polymer skeleton which comprises a) at least one hydrocarbon-based repeating unit comprising at least one hetero atom and b) at least one of:

- at least one terminal fatty chain, optionally functionalized, chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

- at least one pendant fatty chain, optionally functionalized, chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group; and

(ii) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

PENDING CLAIMS  
Application No. 09/733,898  
Attorney Docket No. 05725.0808-00000  
Filed: December 12, 2000

1. (Withdrawn) A composition comprising at least one liquid fatty phase which comprises:
  - (i) at least one structuring polymer comprising:  
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and
  - (ii) at least one oil-soluble ester comprising at least one free hydroxy group with the proviso that said at least one oil-soluble ester is not castor oil.
2. (Withdrawn) The composition according to claim 1, wherein said at least one structuring polymer further comprises at least one of:
  - at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and
  - at least one pendant fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group.
3. (Withdrawn) The composition according to claim 2, wherein said alkyl chains and said alkenyl chains each comprise at least four carbon atoms.
4. (Withdrawn) The composition according to claim 3, wherein said alkyl chains and said alkenyl chains each comprise from 8 to 120 carbon atoms.
5. (Withdrawn) The composition according to claim 4, wherein said alkyl chains and said alkenyl chains each comprise from 12 to 68 carbon atoms.
6. (Withdrawn) The composition according to claim 2, wherein said at least one linking group is chosen from single bonds and urea, urethane, thiourea, thiourethane, thioether, thioester, ester, ether and amine groups.
7. (Withdrawn) The composition according to claim 6, wherein said at least one linking group is an ester group present in a proportion ranging from

15% to 40% of the total number of all ester and hetero atom groups in the at least one structuring polymer.

8. (Withdrawn) The composition according to claim 7, wherein said at least one linking group is an ester group present in a proportion ranging from 20% to 35% of the total number of all ester and hetero atom groups in the at least one structuring polymer.

9. (Withdrawn) The composition according to claim 2, wherein said at least one terminal fatty chain is functionalized.

10. (Withdrawn) The composition according to claim 2, wherein said at least one pendant fatty chain is functionalized.

11. (Withdrawn) The composition according to claim 2, wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 40% to 98% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer.

12. (Withdrawn) The composition according to claim 11, wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 50% to 95% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer.

13. (Withdrawn) The composition according to claim 1, wherein said at least one structuring polymer has a weight-average molecular mass of less than 100,000.

14. (Withdrawn) The composition according to claim 13, wherein said at least one structuring polymer has a weight-average molecular mass of less than 50,000.

15. (Withdrawn) The composition according to claim 14, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 30,000.

16. (Withdrawn) The composition according to claim 15, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 20,000.

17. (Withdrawn) The composition according to claim 16, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 10,000.

18. (Withdrawn) The composition according to claim 1, wherein said at least one hydrocarbon based repeating unit comprises from 2 to 80 carbon atoms.

19. (Withdrawn) The composition according to claim 18, wherein said at least one hydrocarbon based repeating unit comprises from 2 to 60 carbon atoms.

20. (Withdrawn) The composition according to claim 1, wherein said at least one hydrocarbon based repeating unit is chosen from saturated and unsaturated hydrocarbon-based units which are chosen from linear hydrocarbon-based repeating units, branched hydrocarbon-based repeating units and cyclic hydrocarbon-based repeating units.

21. (Withdrawn) The composition according to claim 1, wherein said at least one hetero atom of said at least one hydrocarbon-based repeating unit is chosen from nitrogen, sulphur, and phosphorus.

22. (Withdrawn) The composition according to claim 21, wherein said at least one hetero atom is a nitrogen atom.

23. (Withdrawn) The composition according to claim 21, wherein said at least one hetero atom is combined with at least one atom chosen from oxygen and carbon to form a hetero atom group.

24. (Withdrawn) The composition according to claim 23, wherein said at least one hetero atom group further comprises a carbonyl group.

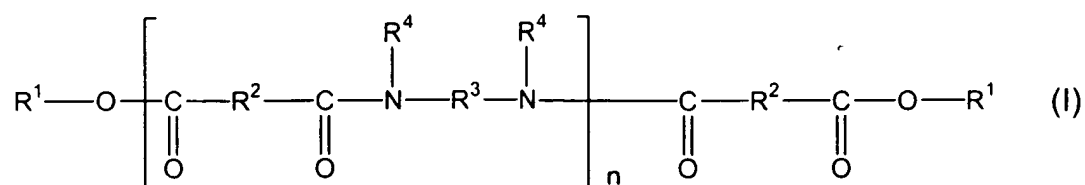
25. (Withdrawn) The composition according to claim 23, wherein said at least one hetero atom group is chosen from amide groups, carbamate groups, and urea groups.

26. (Withdrawn) The composition according to claim 25, wherein said at least one hetero atom group is an amide group and said polymer skeleton is a polyamide skeleton.



27. (Withdrawn) The composition according to claim 25, wherein said at least one hetero atom group is chosen from carbamate groups and urea groups and said polymer skeleton is chosen from a polyurethane skeleton, a polyurea skeleton and a polyurethane-polyurea skeleton.

28. (Withdrawn) The composition according to claim 1, wherein said at least one structuring polymer is chosen from polyamide polymers of formula (I):



in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;
- R<sup>1</sup>, which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;
- R<sup>2</sup>, which are identical or different, are each chosen from C<sub>4</sub> to C<sub>42</sub> hydrocarbon-based groups with the proviso that at least 50% of all R<sup>2</sup> are chosen from C<sub>30</sub> to C<sub>42</sub> hydrocarbon-based groups;
- R<sup>3</sup>, which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms, with the proviso that R<sup>3</sup> comprises at least 2 carbon atoms; and
- R<sup>4</sup>, which are identical or different, are each chosen from hydrogen atoms, C<sub>1</sub> to C<sub>10</sub> alkyl groups and a direct bond to at least one group chosen from R<sup>3</sup> and another R<sup>4</sup> such that when said at least one group is chosen from another R<sup>4</sup>, the nitrogen atom to which both R<sup>3</sup> and R<sup>4</sup> are bonded forms part of a

heterocyclic structure defined in part by  $R^4-N-R^3$ , with the proviso that at least 50% of all  $R^4$  are chosen from hydrogen atoms.

29. (Withdrawn) The composition according to claim 28, wherein in said formula (I),  $n$  is an integer ranging from 1 to 5.

30. (Withdrawn) The composition according to claim 29, wherein in said formula (I),  $n$  is an integer ranging from 3 to 5.

31. (Withdrawn) The composition according to claim 28, wherein in said formula (I), said alkyl groups of  $R^1$  and said alkenyl groups of  $R^1$  each independently comprise from 4 to 24 carbon atoms.

32. (Withdrawn) The composition according to claim 31, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{12}$  to  $C_{22}$  alkyl groups.

33. (Withdrawn) The composition according to claim 32, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{16}$  to  $C_{22}$  alkyl groups.

34. (Withdrawn) The composition according to claim 28, wherein in said formula (I),  $R^2$ , which are identical or different, are each chosen from  $C_{10}$  to  $C_{42}$  hydrocarbon based groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

35. (Withdrawn) The composition according to claim 34, wherein at least 75% of all  $R^2$ , which are identical or different, are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

36. (Withdrawn) The composition according to claim 28, wherein in said formula (I),  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{36}$  hydrocarbon-based groups and polyoxyalkylene groups.

37. (Withdrawn) The composition according to claim 36, wherein  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{12}$  hydrocarbon-based groups.

38. (Withdrawn) The composition according to claim 28, wherein in said formula (I),  $R^4$ , which can be identical or different, are each chosen from hydrogen atoms.

39. (Withdrawn) The composition according to claim 28, wherein said at least one polymer of formula (I) is in the form of a mixture of polymers, wherein said mixture optionally also comprises a compound of formula (I) wherein n is equal to zero.

40. (Withdrawn) The composition according to claim 1, wherein said at least one structuring polymer has a softening point greater than 50°C.

41. (Withdrawn) The composition according to claim 40, wherein said at least one structuring polymer has a softening point ranging from 65°C to 190°C.

42. (Withdrawn) The composition according to claim 41, wherein said at least one structuring polymer has a softening point ranging from 70°C to 130°C.

43. (Withdrawn) The composition according to claim 42, wherein said at least one structuring polymer has a softening point ranging from 80°C to 105°C.

44. (Withdrawn) The composition according to claim 1, wherein said at least one structuring polymer is present in the composition in an amount ranging from 0.5% to 80% by weight relative to the total weight of the composition.

45. (Withdrawn) The composition according to claim 44, wherein said at least one structuring polymer is present in the composition in an amount ranging from 2% to 60% by weight relative to the total weight of the composition.

46. (Withdrawn) The composition according to claim 45, wherein said at least one structuring polymer is present in the composition in an amount ranging from 5% to 40% by weight relative to the total weight of the composition.

47. (Withdrawn) The composition according to claim 1, wherein said composition has a hardness ranging from 30 to 300 g.

48. (Withdrawn) The composition according to claim 47, wherein said composition has a hardness ranging from 30 to 250 g.

49. (Withdrawn) The composition according to claim 48, wherein said composition has a hardness ranging from 30 to 200 g.

50. (Withdrawn) The composition according to claim 1, wherein said at least one liquid fatty phase of the composition comprises at least one oil.

51. (Withdrawn) The composition according to claim 50, wherein said at least one oil is chosen from at least one polar oil and at least one apolar oil.

52. (Withdrawn) The composition according to claim 51, wherein said at least one polar oil is chosen from:

- hydrocarbon-based plant oils with a high content of triglycerides comprising fatty acid esters of glycerol in which the fatty acids comprise chains having from 4 to 24 carbon atoms, said chains optionally being chosen from linear and branched, and saturated and unsaturated chains;
- synthetic oils or esters of formula  $R_5COOR_6$  in which  $R_5$  is chosen from linear and branched fatty acid residues comprising from 1 to 40 carbon atoms,  $R_6$  is chosen from hydrocarbon-based chains comprising from 1 to 40 carbon atoms, and  $R_5 + R_6 \geq 10$ ;
- synthetic ethers containing from 10 to 40 carbon atoms;
- $C_8$  to  $C_{26}$  fatty alcohols; and
- $C_8$  to  $C_{26}$  fatty acids.

53. (Withdrawn) The composition according to claim 51, wherein said at least one apolar oil is chosen from:

- silicone oils chosen from volatile and non-volatile, linear and cyclic polydimethylsiloxanes that are liquid at room temperature;
- polydimethylsiloxanes comprising alkyl or alkoxy groups which are pendant and/or at the end of the silicone chain, the groups each containing from 2 to 24 carbon atoms;
- phenylsilicones; and
- hydrocarbons chosen from linear and branched, volatile and non-volatile hydrocarbons of synthetic and mineral origin.

54. (Withdrawn) The composition according to claim 1, wherein said at least one liquid fatty phase comprises at least one non-volatile oil.

55. (Withdrawn) The composition according to claim 54, wherein said at least one non-volatile oil is chosen from hydrocarbon-based oils of mineral, plant and synthetic origin, synthetic esters and ethers, and silicone oils.

56. (Withdrawn) The composition according to claim 1, wherein said at least one liquid fatty phase is present in an amount ranging from 1% to 99% by weight relative to the total weight of the composition.

57. (Withdrawn) The composition according to claim 56, wherein said at least one liquid fatty phase is present in an amount ranging from 5% to 95.5% by weight relative to the total weight of the composition.

58. (Withdrawn) The composition according to claim 57, wherein said at least one liquid fatty phase is present in an amount ranging from 10% to 80% by weight relative to the total weight of the composition.

59. (Withdrawn) The composition according to claim 58, wherein said at least one liquid fatty phase is present in an amount ranging from 20% to 75% by weight relative to the total weight of the composition.

60. (Withdrawn) The composition according to claim 1, wherein said at least one liquid fatty phase comprises at least one volatile solvent chosen from hydrocarbon-based solvents and silicone solvents optionally comprising alkyl or alkoxy groups that are pendant or at the end of a silicone chain.

61. (Withdrawn) The composition according to claim 60, wherein said at least one volatile solvent is present in an amount up to 95.5% relative to the total weight of the composition.

62. (Withdrawn) The composition according to claim 61, wherein said at least one volatile solvent is present in an amount ranging from 2% to 75% relative to the total weight of the composition.

63. (Withdrawn) The composition according to claim 62, wherein said at least one volatile solvent is present in an amount ranging from 10% to 45% relative to the total weight of the composition.

64. (Withdrawn) The composition according to claim 1, wherein said composition further comprises at least one additional fatty material.

65. (Withdrawn) The composition according to claim 64, wherein said at least one additional fatty material is chosen from gums, fatty materials pasty at ambient temperature, and resins.

66. (Withdrawn) The composition according to claim 1, wherein said composition further comprises castor oil.

67. (Withdrawn) The composition according to claim 1, wherein said at least one oil-soluble ester comprising at least one free hydroxy group is chosen from propylene glycol ricinoleate, isopropyl hydroxystearate, triisocetyl citrate, diisostearyl malate, octyl hydroxystearate, triisoarachidyl citrate, cetyl lactate, dioctyl malate, octyldodecyl hydroxystearate, di-isostearyl malate, and di-isostearyl lactate.

68. (Withdrawn) The composition according to claim 67, wherein said at least one oil-soluble ester is diisostearyl malate.

69. (Withdrawn) The composition according to claim 67, wherein said at least one oil-soluble ester is triisocetyl citrate.

70. (Withdrawn) The composition according to claim 1, wherein said at least one oil-soluble ester comprising at least one free hydroxy group is present in an amount ranging from 10% to 84% by weight relative to the total weight of the composition.

71. (Withdrawn) The composition according to claim 70, wherein said at least one oil-soluble ester comprising at least one free hydroxy group is present in an amount ranging from 20% to 70% by weight relative to the total weight of the composition.

72. (Withdrawn) The composition according to claim 1, wherein the composition is in a form chosen from a fluid anhydrous gel, rigid anhydrous gel, fluid simple emulsion, rigid simple emulsion, fluid multiple emulsion, and rigid multiple emulsion.

73. (Withdrawn) The composition according to claim 1, wherein said composition is a solid.

74. (Withdrawn) The composition according to claim 73, wherein said composition is a solid chosen from molded and poured sticks.

75. (Withdrawn) The composition according to claim 1, further comprising at least one fatty alcohol.
76. (Withdrawn) The composition according to claim 75, wherein said at least one fatty alcohol is chosen from C<sub>8</sub> to C<sub>26</sub> fatty alcohols.
77. (Withdrawn) The composition according to claim 76, wherein said at least one fatty alcohol is chosen from C<sub>12</sub> to C<sub>20</sub> fatty alcohols.
78. (Withdrawn) The composition according to claim 77, wherein said C<sub>12</sub> to C<sub>20</sub> fatty alcohols are chosen from myristyl alcohol, cetyl alcohol, stearyl alcohol and behenyl alcohol.
79. (Withdrawn) The composition according to claim 75, wherein the at least one fatty alcohol is present in a concentration ranging from 0.1% to 15.0% by weight, relative to the weight of the composition.
80. (Withdrawn) The composition according to claim 79, wherein the at least one fatty alcohol is present in a concentration ranging from 0.5% to 10.0% by weight, relative to the weight of the composition.
81. (Withdrawn) The composition according to claim 80 wherein the at least one fatty alcohol is present in a concentration ranging from 0.5% to 8.0% by weight, relative to the weight of the composition.
82. (Withdrawn) The composition according to claim 1, further comprising at least one oil-soluble polymer.
83. (Withdrawn) The composition according to claim 82, wherein said at least oil- soluble polymer is chosen from alkylated guar gums and alkyl celluloses.
84. (Withdrawn) The composition according to claim 82 wherein the at least one oil-soluble polymer is present in a concentration ranging from 0.05% to 10% by weight, relative to the weight of the composition.
85. (Withdrawn) The composition according to claim 83 wherein the at least one oil-soluble polymer is present in a concentration ranging from 0.1% to 5% by weight, relative to the weight of the composition.

86. (Withdrawn) The composition according to claim 84 wherein the at least one oil-soluble polymer is present in a concentration ranging from 0.1% to 3% by weight, relative to the weight of the composition.

87. (Withdrawn) The composition according to claim 1, further comprising at least one oil-soluble cationic surfactant.

88. (Withdrawn) The composition according to claim 87, wherein said at least one oil-soluble cationic surfactant is chosen from quaternary ammonium compounds, fatty amines, and salts of fatty amines.

89. (Withdrawn) The composition according to claim 87, wherein the at least one oil-soluble cationic surfactant is present in a concentration ranging from 0.1% to 10% by weight, relative to the weight of the composition.

90. (Withdrawn) The composition according to claim 89, wherein the at least one oil-soluble cationic surfactant is present in a concentration ranging from 0.1% to 5% by weight, relative to the weight of the composition.

91. (Withdrawn) The composition according to claim 90 wherein the at least one oil-soluble cationic surfactant is present in a concentration ranging from 0.5% to 2% by weight, relative to the weight of the composition.

92. (Withdrawn) The composition according to claim 1, further comprising at least one wax.

93. (Withdrawn) The composition according to claim 92, wherein said at least one wax is chosen from carnauba wax, candelilla wax, ouricury wax, Japan wax, cork fiber wax, sugar cane wax, paraffin waxes, lignite wax, microcrystalline waxes, lanolin wax, montan wax, polyethylene waxes, waxes obtained by Fischer-Tropsch synthesis, silicone waxes, ozokerites, hydrogenated jojoba oil, fatty acid esters, and fatty acid ester glycerides.

94. (Withdrawn) The composition according to claim 92, wherein said at least one wax is present at a concentration of up to 3% relative to the total weight of said composition.

95. (Previously presented) A composition comprising at least one liquid fatty phase which comprises:



(i) at least one structuring polymer, wherein said at least one structuring polymer is at least one polyamide polymer comprising:

a polymer skeleton which comprises at least one amide repeating unit and at least one of:

at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group;

at least one pendant fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group, and

(ii) at least one oil-soluble ester comprising at least one free hydroxy group with the proviso that said at least one oil-soluble ester is not castor oil;

(iii) at least one coloring agent; and

(iv) at least one preserving agent chosen from methylparaben, ethylparaben, propylparaben, and butylparaben.

96. (Cancelled)

97. (Previously presented) The composition according to claim 95, wherein said alkyl chains and said alkenyl chains each comprise at least four carbon atoms.

98. (Original) The composition according to claim 97, wherein said alkyl chains and said alkenyl chains each comprise from 8 to 120 carbon atoms.

99. (Original) The composition according to claim 98, wherein said alkyl chains and said alkenyl chains each comprise from 12 to 68 carbon atoms.

100. (Previously presented) The composition according to claim 95, wherein said at least one linking group is chosen from single bonds and urea, urethane, thiourea, thiourethane, thioether, thioester, ester, ether and amine groups.

101. (Original) The composition according to claim 100, wherein said at least one linking group is an ester group present in a proportion ranging from 15% to 40% of the total number of all ester and amide groups in the at least one polyamide polymer.

102. (Original) The composition according to claim 101, wherein said at least one linking group is an ester group present in a proportion ranging from 20% to 35% of the total number of all ester and amide groups in the at least one polyamide polymer.

103. (Previously presented) The composition according to claim 95, wherein said at least one terminal fatty chain is functionalized.

104. (Previously presented) The composition according to claim 95, wherein said at least one pendant fatty chain is functionalized.

105. (Previously presented) The composition according to claim 95, wherein in said at least one polyamide polymer, the percentage of the total number of fatty chains ranges from 40% to 98% relative to the total number of all amide units and fatty chains in the at least one polyamide polymer.

106. (Original) The composition according to claim 95, wherein in said at least one polyamide polymer, the percentage of the total number of fatty chains ranges from 50% to 95% relative to the total number of all amide units and fatty chains in the at least one polyamide polymer.

107. (Original) The composition according to claim 95, wherein said at least one polyamide polymer has a weight-average molecular mass of less than 100,000.

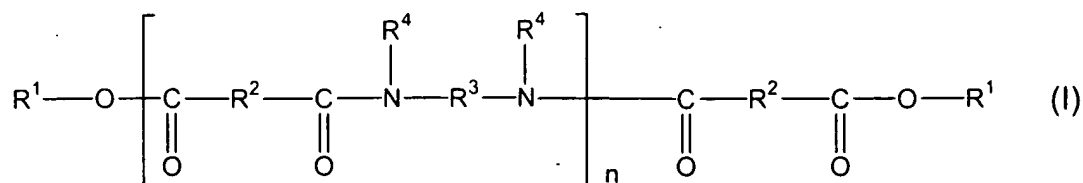
108. (Original) The composition according to claim 98, wherein said at least one polyamide polymer has a weight-average molecular mass of less than 50,000.

109. (Original) The composition according to claim 99, wherein said at least one polyamide polymer has a weight-average molecular mass ranging from 1000 to 30,000.

110. (Original) The composition according to claim 100, wherein said at least one polyamide polymer has a weight-average molecular mass ranging from 2000 to 20,000.

111. (Original) The composition according to claim 101, wherein said at least one polyamide polymer has a weight-average molecular mass ranging from 2000 to 10,000.

112. (Original) The composition according to claim 95, wherein said at least one polyamide polymer is chosen from polyamide polymers of formula (I):



in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;
- R<sup>1</sup>, which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;
- R<sup>2</sup>, which are identical or different, are each chosen from C<sub>4</sub> to C<sub>42</sub> hydrocarbon-based groups with the proviso that at least 50% of all R<sup>2</sup> are chosen from C<sub>30</sub> to C<sub>42</sub> hydrocarbon-based groups;
- R<sup>3</sup>, which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms, with the proviso that R<sup>3</sup> comprises at least 2 carbon atoms; and
- R<sup>4</sup>, which are identical or different, are each chosen from hydrogen atoms, C<sub>1</sub> to C<sub>10</sub> alkyl groups and a direct bond to at least one group chosen from R<sup>3</sup> and another R<sup>4</sup> such that when said at least one group is chosen from another R<sup>4</sup>, the nitrogen atom to which both R<sup>3</sup> and R<sup>4</sup> are bonded forms part of a heterocyclic structure defined in part by R<sup>4</sup>-N-R<sup>3</sup>, with the proviso that at least 50% of all R<sup>4</sup> are chosen from hydrogen atoms.

113. (Original) The composition according to claim 112, wherein in said formula (I), n is an integer ranging from 1 to 5.

114. (Original) The composition according to claim 113, wherein in said formula (I),  $n$  is an integer ranging from 3 to 5.

115. (Original) The composition according to claim 112, wherein in said formula (I), said alkyl groups of  $R^1$  and said alkenyl groups of  $R^1$  each independently comprise from 4 to 24 carbon atoms.

116. (Original) The composition according to claim 115, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{12}$  to  $C_{22}$  alkyl groups.

117. (Original) The composition according to claim 116, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{16}$  to  $C_{22}$  alkyl groups.

118. (Original) The composition according to claim 112, wherein in said formula (I),  $R^2$ , which are identical or different, are each chosen from  $C_{10}$  to  $C_{42}$  hydrocarbon based groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

119. (Original) The composition according to claim 118, wherein at least 75% of all  $R^2$ , which are identical or different, are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

120. (Original) The composition according to claim 112, wherein in said formula (I),  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{36}$  hydrocarbon-based groups and polyoxyalkylene groups.

121. (Original) The composition according to claim 120, wherein  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{12}$  hydrocarbon-based groups.

122. (Original) The composition according to claim 112, wherein in said formula (I),  $R^4$ , which can be identical or different, are each chosen from hydrogen atoms.

123. (Original) The composition according to claim 112, wherein said at least one polymer of formula (I) is in the form of a mixture of polymers, wherein said mixture optionally also comprises a compound of formula (I) wherein  $n$  is equal to zero.

124. (Original) The composition according to claim 115, wherein said at least one polyamide polymer is chosen from polymers resulting from at least one polycondensation reaction between at least one dicarboxylic acid comprising at least 32 carbon atoms and at least one amine chosen from diamines comprising at least 2 carbon atoms and triamines comprising at least 2 carbon atoms.

125. (Original) The composition according to claim 124, wherein said at least one dicarboxylic acid comprises from 32 to 44 carbon atoms and said at least one amine comprises from 2 to 36 carbon atoms.

126. (Original) The composition according to claim 125, wherein said at least one dicarboxylic acid is chosen from dimers of at least one fatty acid comprising at least 16 carbon atoms.

127. (Original) The composition according to claim 126, wherein said at least one fatty acid is chosen from oleic acid, linoleic acid and linolenic acid.

128. (Original) The composition according to claim 124, wherein said at least one amine is chosen from ethylenediamine, hexylenediamine, hexamethylenediamine, phenylenediamine and ethylenetriamine.

129. (Original) The composition according to claim 95, wherein said at least one polyamide polymer is chosen from polymers comprising at least one terminal carboxylic acid group.

130. (Original) The composition according to claim 129, wherein said at least one terminal carboxylic acid group is esterified with at least one alcohol chosen from monoalcohols comprising at least 4 carbon atoms.

131. (Original) The composition according to claim 95, wherein said at least one polyamide polymer is chosen from:

- polymers chosen from mixtures of copolymers derived from monomers of (i) C<sub>36</sub> diacids and (ii) ethylenediamine, and having a weight-average molecular mass of about 6000;

- polyamide polymers resulting from the condensation of at least one aliphatic dicarboxylic acid and at least one diamine, the carbonyl and amine groups being condensed via an amide bond; and

- polyamide resins from vegetable sources.

132. (Original) The composition according to claim 95, wherein said at least one polyamide polymer has a softening point greater than 50°C.

133. (Original) The composition according to claim 132, wherein said at least one polyamide polymer has a softening point ranging from 65°C to 190°C.

134. (Original) The composition according to claim 133, wherein said at least one polyamide polymer has a softening point ranging from 70°C to 130°C.

135. (Original) The composition according to claim 134, wherein said at least one polyamide polymer has a softening point ranging from 80°C to 105°C.

136. (Original) The composition according to claim 95, wherein said at least one polyamide polymer is present in the composition in an amount ranging from 0.5% to 80% by weight relative to the total weight of the composition.

137. (Original) The composition according to claim 136, wherein said at least one polyamide polymer is present in the composition in an amount ranging from 2% to 60% by weight relative to the total weight of the composition.

138. (Original) The composition according to claim 137, wherein said at least one polyamide polymer is present in the composition in an amount ranging from 5% to 40% by weight relative to the total weight of the composition.

139. (Previously presented) The composition according to claim 95, wherein said composition has a hardness ranging from 30 to 300 g, measured by the cheesewire method.

140. (Previously presented) The composition according to claim 139, wherein said composition has a hardness ranging from 30 to 250 g, measured by the cheesewire method.

141. (Previously presented) The composition according to claim 140, wherein said composition has a hardness ranging from 30 to 200 g, measured by the cheesewire method.

142. (Original) The composition according to claim 95, wherein said at least one liquid fatty phase of the composition comprises at least one oil.

143. (Original) The composition according to claim 142, wherein said at least one oil is chosen from at least one polar oil and at least one apolar oil.

144. (Previously presented) The composition according to claim 143, wherein said at least one polar oil is chosen from:

- hydrocarbon-based plant oils with a high content of triglycerides comprising fatty acid esters of glycerol in which the fatty acids comprise chains having from 4 to 24 carbon atoms, said chains optionally being chosen from linear and branched, and saturated and unsaturated chains;
- synthetic oils or esters of formula  $R_5COOR_6$  in which  $R_5$  is chosen from linear and branched fatty acid residues comprising from 1 to 40 carbon atoms,  $R_6$  is chosen from hydrocarbon-based chains comprising from 1 to 40 carbon atoms, and the sum of carbon atoms in  $R_5$  and  $R_6$  is greater than or equal to 10;
- synthetic ethers containing from 10 to 40 carbon atoms;
- $C_8$  to  $C_{26}$  fatty alcohols; and
- $C_8$  to  $C_{26}$  fatty acids.

145. (Original) The composition according to claim 143, wherein said at least one apolar oil is chosen from:

- silicone oils chosen from volatile and non-volatile, linear and cyclic polydimethylsiloxanes that are liquid at room temperature;
- polydimethylsiloxanes comprising alkyl or alkoxy groups which are pendant and/or at the end of the silicone chain, the groups each containing from 2 to 24 carbon atoms;
- phenylsilicones; and
- hydrocarbons chosen from linear and branched, volatile and non-volatile hydrocarbons of synthetic and mineral origin.

146. (Original) The composition according to claim 95, wherein said at least one liquid fatty phase comprises at least one non-volatile oil.

147. (Original) The composition according to claim 146, wherein said at least one non-volatile oil is chosen from hydrocarbon-based oils of mineral, plant and synthetic origin, synthetic esters and ethers, and silicone oils.

148. (Original) The composition according to claim 147, wherein said at least one liquid fatty phase is present in an amount ranging from 1% to 99% by weight relative to the total weight of the composition.

149. (Original) The composition according to claim 148, wherein said at least one liquid fatty phase is present in an amount ranging from 5% to 95.5% by weight relative to the total weight of the composition.

150. (Original) The composition according to claim 149, wherein said at least one liquid fatty phase is present in an amount ranging from 10% to 80% by weight relative to the total weight of the composition.

151. (Original) The composition according to claim 150, wherein said at least one liquid fatty phase is present in an amount ranging from 20% to 75% by weight relative to the total weight of the composition.

152. (Original) The composition according to claim 95, wherein said at least one liquid fatty phase comprises at least one volatile solvent chosen from hydrocarbon-based solvents and silicone solvents optionally comprising alkyl or alkoxy groups that are pendant or at the end of a silicone chain.

153. (Original) The composition according to claim 152, wherein said at least one volatile solvent is present in an amount up to 95.5% relative to the total weight of the composition.

154. (Original) The composition according to claim 153, wherein said at least one volatile solvent is present in an amount ranging from 2% to 75% relative to the total weight of the composition.

155. (Original) The composition according to claim 154, wherein said at least one volatile solvent is present in an amount ranging from 10% to 45% relative to the total weight of the composition.

156. (Original) The composition according to claim 95, wherein said composition further comprises at least one additional fatty material.

157. (Previously presented) The composition according to claim 156, wherein said at least one additional fatty material is chosen from gums, fatty materials pasty at ambient temperature, and resins.

158. (Withdrawn) The composition according to claim 95, wherein said composition further comprises castor oil.

159. (Withdrawn) The composition according to claim 95, wherein said at least one oil-soluble ester comprising at least one free hydroxy group is



chosen from propylene glycol ricinoleate, isopropyl hydroxystearate, triisocetyl citrate, diisostearyl malate, octyl hydroxystearate, triisoarachidyl citrate, cetyl lactate, dioctyl malate, octyldodecyl hydroxystearate, diisostearyl malate, and diisostearyl lactate.

160. (Withdrawn) The composition according to claim 159, wherein said at least one oil-soluble ester is diisostearyl malate.

161. (Withdrawn) The composition according to claim 159, wherein said at least one oil-soluble ester is triisocetyl citrate.

162. (Withdrawn) The composition according to claim 95, wherein said at least one oil-soluble ester comprising at least one free hydroxy group is present in an amount ranging from 10% to 84% by weight, relative to the total weight of the composition.

163. (Withdrawn) The composition according to claim 162, wherein said at least one oil-soluble ester comprising at least one free hydroxy group is present in an amount ranging from 20% to 70% by weight, relative to the total weight of the composition.

164. (Original) The composition according to claim 95, wherein the composition is in a form chosen from a fluid anhydrous gel, rigid anhydrous gel, fluid simple emulsion, rigid simple emulsion, fluid multiple emulsion, and rigid multiple emulsion.

165. (Original) The composition according to claim 95, wherein said composition is a solid.

166. (Original) The composition according to claim 165, wherein said composition is a solid chosen from molded and poured sticks.

167. (Original) The composition according to claim 95, further comprising at least one fatty alcohol.

168. (Original) The composition according to claim 167, wherein said at least one fatty alcohol is chosen from C<sub>8</sub> to C<sub>26</sub> fatty alcohols.

169. (Original) The composition according to claim 168, wherein said at least one fatty alcohol is chosen from C<sub>12</sub> to C<sub>20</sub> fatty alcohols.

170. (Original) The composition according to claim 169, wherein said C<sub>12</sub> to C<sub>20</sub> fatty alcohols are chosen from myristyl alcohol, cetyl alcohol, stearyl alcohol and behenyl alcohol.

171. (Original) The composition according to claim 167, wherein the at least one fatty alcohol is present in a concentration ranging from 0.1% to 15.0% by weight, relative to the weight of the composition.

172. (Original) The composition according to claim 171, wherein the at least one fatty alcohol is present in a concentration ranging from 0.5% to 10.0% by weight, relative to the weight of the composition.

173. (Original) The composition according to claim 172 wherein the at least one fatty alcohol is present in a concentration ranging from 0.5% to 8.0% by weight, relative to the weight of the composition.

174. (Original) The composition according to claim 95, further comprising at least one oil-soluble polymer.

175. (Original) The composition according to claim 174, wherein said at least one oil-soluble polymer is chosen from alkylated guar gums and alkyl celluloses.

176. (Original) The composition according to claim 174 wherein the at least one oil-soluble polymer is present in a concentration ranging from 0.05% to 10% by weight, relative to the weight of the composition.

177. (Original) The composition according to claim 176 wherein the at least one oil-soluble polymer is present in a concentration ranging from 0.1% to 5% by weight, relative to the weight of the composition.

178. (Original) The composition according to claim 177 wherein the at least one oil-soluble polymer is present in a concentration ranging from 0.1% to 3% by weight, relative to the weight of the composition.

179. (Withdrawn) The composition according to claim 95, further comprising at least one oil-soluble cationic surfactant.

180. (Withdrawn) The composition according to claim 179, wherein said at least one oil-soluble cationic surfactant is chosen from quaternary ammonium compounds, fatty amines, and salts of fatty amines.

181. (Withdrawn) The composition according to claim 179 wherein the at least one oil-soluble cationic surfactant is present in a concentration ranging from 0.1% to 10% by weight, relative to the weight of the composition.

182. (Withdrawn) The composition according to claim 179 wherein the at least one oil-soluble cationic surfactant is present in a concentration ranging from 0.1% to 5% by weight, relative to the weight of the composition.

183. (Withdrawn) The composition according to claim 182 wherein the at least one oil-soluble cationic surfactant is present in a concentration ranging from 0.5% to 2% by weight, relative to the weight of the composition.

184. (Original) The composition according to claim 95, further comprising at least one wax.

185. (Previously presented) The composition according to claim 184, wherein said at least one wax is chosen from carnauba wax, candelilla wax, ouricury wax, Japan wax, cork fiber wax, sugar cane wax, paraffin waxes, lignite wax, microcrystalline waxes, lanolin wax, montan wax, polyethylene waxes, waxes obtained by Fischer-Tropsch synthesis, silicone waxes, ozokerites, hydrogenated jojoba oil, fatty acid esters, and fatty acid ester glycerides.

186. (Original) The composition according to claim 184, wherein said at least one wax is present at a concentration of up to 3% relative to the total weight of said composition.

187. (Withdrawn) An anhydrous composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one oil-soluble ester comprising at least one free hydroxy group with the proviso that said at least one oil-soluble ester is not castor oil.

188. (Withdrawn) The anhydrous composition according to claim 187, wherein said at least one structuring polymer further comprises at least one of:

at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

at least one pendant fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group.

189. (Withdrawn) The anhydrous composition according to claim 188, wherein said alkyl chains and said alkenyl chains each comprise at least four carbon atoms.

190. (Withdrawn) The anhydrous composition according to claim 289, wherein said alkyl chains and said alkenyl chains each comprise from 8 to 120 carbon atoms.

191. (Withdrawn) The anhydrous composition according to claim 190, wherein said alkyl chains and said alkenyl chains each comprise from 12 to 68 carbon atoms.

192. (Withdrawn) The anhydrous composition according to claim 188, wherein said at least one linking group is chosen from single bonds and urea, urethane, thiourea, thiourethane, thioether, thioester, ester, ether and amine groups.

193. (Withdrawn) The anhydrous composition according to claim 192, wherein said at least one linking group is an ester group present in a proportion ranging from 15% to 40% of the total number of all ester and hetero atom groups in the at least one structuring polymer.

194. (Withdrawn) The anhydrous composition according to claim 193, wherein said at least one linking group is an ester group present in a proportion ranging from 20% to 35% of the total number of all ester and hetero atom groups in the at least one structuring polymer.

195. (Withdrawn) The anhydrous composition according to claim 188, wherein said at least one terminal fatty chain is functionalized.

196. (Withdrawn) The anhydrous composition according to claim 188, wherein said at least one pendant fatty chain is functionalized.

197. (Withdrawn) The anhydrous composition according to claim 188, wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 40% to 98% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer.

198. (Withdrawn) The anhydrous composition according to claim 197, wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 50% to 95% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer.

199. (Withdrawn) The anhydrous composition according to claim 187, wherein said at least one structuring polymer has a weight-average molecular mass of less than 100,000.

200. (Withdrawn) The anhydrous composition according to claim 199, wherein said at least one structuring polymer has a weight-average molecular mass of less than 50,000.

201. (Withdrawn) The anhydrous composition according to claim 200, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 30,000.

202. (Withdrawn) The anhydrous composition according to claim 201, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 20,000.

203. (Withdrawn) The anhydrous composition according to claim 202, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 10,000.

204. (Withdrawn) The anhydrous composition according to claim 187, wherein said at least one hydrocarbon based repeating unit comprises from 2 to 80 carbon atoms.

205. (Withdrawn) The anhydrous composition according to claim 204, wherein said at least one hydrocarbon based repeating unit comprises from 2 to 60 carbon atoms.

206. (Withdrawn) The anhydrous composition according to claim 187, wherein said at least one hydrocarbon based repeating unit is chosen from

saturated and unsaturated hydrocarbon-based units which are chosen from linear hydrocarbon-based repeating units, branched hydrocarbon-based repeating units and cyclic hydrocarbon-based repeating units.

207. (Withdrawn) The anhydrous composition according to claim 187, wherein said at least one hetero atom of said at least one hydrocarbon-based repeating unit is chosen from nitrogen, sulphur, and phosphorus.

208. (Withdrawn) The anhydrous composition according to claim 207, wherein said at least one hetero atom is a nitrogen atom.

209. (Withdrawn) The anhydrous composition according to claim 207, wherein said at least one hetero atom is combined with at least one atom chosen from oxygen and carbon to form a hetero atom group.

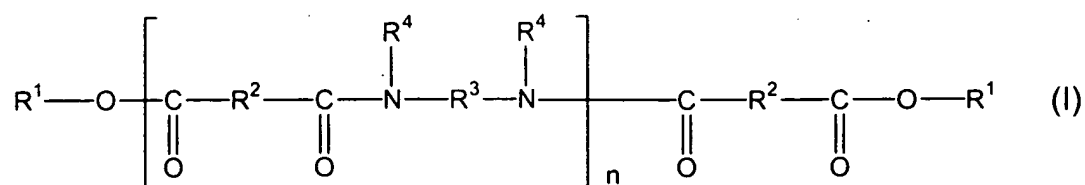
210. (Withdrawn) The anhydrous composition according to claim 209, wherein said at least one hetero atom group further comprises a carbonyl group.

211. (Withdrawn) The anhydrous composition according to claim 209, wherein said at least one hetero atom group is chosen from amide groups, carbamate groups, and urea groups.

212. (Withdrawn) The anhydrous composition according to claim 211, wherein said at least one hetero atom group is an amide group and said polymer skeleton is a polyamide skeleton.

213. (Withdrawn) The anhydrous composition according to claim 211, wherein said at least one hetero atom group is chosen from carbamate groups and urea groups and said polymer skeleton is chosen from a polyurethane skeleton, a polyurea skeleton and a polyurethane-polyurea skeleton.

214. (Withdrawn) The anhydrous composition according to claim 187, wherein said at least one structuring polymer is chosen from polyamide polymers of formula (I):



in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;
- $R^1$ , which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;
- $R^2$ , which are identical or different, are each chosen from  $C_4$  to  $C_{42}$  hydrocarbon-based groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon-based groups;
- $R^3$ , which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms, with the proviso that  $R^3$  comprises at least 2 carbon atoms; and
- $R^4$ , which are identical or different, are each chosen from hydrogen atoms,  $C_1$  to  $C_{10}$  alkyl groups and a direct bond to at least one group chosen from  $R^3$  and another  $R^4$  such that when said at least one group is chosen from another  $R^4$ , the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined in part by  $R^4-N-R^3$ , with the proviso that at least 50% of all  $R^4$  are chosen from hydrogen atoms.

215. (Withdrawn) The anhydrous composition according to claim 214, wherein in said formula (I), n is an integer ranging from 1 to 5.

216. (Withdrawn) The anhydrous composition according to claim 215, wherein in said formula (I), n is an integer ranging from 3 to 5.

217. (Withdrawn) The anhydrous composition according to claim 214, wherein in said formula (I), said alkyl groups of  $R^1$  and said alkenyl groups of  $R^1$  each independently comprise from 4 to 24 carbon atoms.

218. (Withdrawn) The anhydrous composition according to claim 217, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{12}$  to  $C_{22}$  alkyl groups.

219. (Withdrawn) The anhydrous composition according to claim 218, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{16}$  to  $C_{22}$  alkyl groups.

220. (Withdrawn) The anhydrous composition according to claim 214, wherein in said formula (I),  $R^2$ , which are identical or different, are each chosen from  $C_{10}$  to  $C_{42}$  hydrocarbon based groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

221. (Withdrawn) The anhydrous composition according to claim 214, wherein at least 75% of all  $R^2$ , which are identical or different, are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon-based groups.

222. (Withdrawn) The anhydrous composition according to claim 214, wherein in said formula (I),  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{36}$  hydrocarbon-based groups and polyoxyalkylene groups.

223. (Withdrawn) The anhydrous composition according to claim 222, wherein  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{12}$  hydrocarbon-based groups.

224. (Withdrawn) The anhydrous composition according to claim 214, wherein in said formula (I),  $R^4$ , which can be identical or different, are each chosen from hydrogen atoms.

225. (Withdrawn) The anhydrous composition according to claim 224, wherein said at least one polymer of formula (I) is in the form of a mixture of polymers, wherein said mixture optionally also comprises a compound of formula (I) wherein  $n$  is equal to zero.

226. (Withdrawn) The anhydrous composition according to claim 187, wherein said at least one structuring polymer has a softening point greater than  $50^{\circ}\text{C}$ .

227. (Withdrawn) The anhydrous composition according to claim 226, wherein said at least one structuring polymer has a softening point ranging from  $65^{\circ}\text{C}$  to  $190^{\circ}\text{C}$ .



228. (Withdrawn) The anhydrous composition according to claim 227, wherein said at least one structuring polymer has a softening point ranging from 70°C to 130°C.

229. (Withdrawn) The anhydrous composition according to claim 228, wherein said at least one structuring polymer has a softening point ranging from 80°C to 105°C.

230. (Withdrawn) The anhydrous composition according to claim 187, wherein said at least one structuring polymer is present in the composition in an amount ranging from 0.5% to 80% by weight relative to the total weight of the composition.

231. (Withdrawn) The anhydrous composition according to claim 230 wherein said at least one structuring polymer is present in the composition in an amount ranging from 2% to 60% by weight relative to the total weight of the composition.

232. (Withdrawn) The anhydrous composition according to claim 231, wherein said at least one structuring polymer is present in the composition in an amount ranging from 5% to 40% by weight relative to the total weight of the composition.

233. (Withdrawn) The anhydrous composition according to claim 187, wherein said composition has a hardness ranging from 30 to 300 g.

234. (Withdrawn) The anhydrous composition according to claim 233, wherein said composition has a hardness ranging from 30 to 250 g.

235. (Withdrawn) The anhydrous composition according to claim 234, wherein said composition has a hardness ranging from 30 to 200 g.

236. (Withdrawn) The anhydrous composition according to claim 187, wherein said at least one liquid fatty phase of the composition comprises at least one oil.

237. (Withdrawn) The anhydrous composition according to claim 236, wherein said at least one oil is chosen from at least one polar oil and at least one apolar oil.

238. (Withdrawn) The anhydrous composition according to claim 237, wherein said at least one polar oil is chosen from:

- hydrocarbon-based plant oils with a high content of triglycerides comprising fatty acid esters of glycerol in which the fatty acids comprise chains having from 4 to 24 carbon atoms, said chains optionally being chosen from linear and branched, and saturated and unsaturated chains;
- synthetic oils or esters of formula  $R_5COOR_6$  in which  $R_5$  is chosen from linear and branched fatty acid residues comprising from 1 to 40 carbon atoms,  $R_6$  is chosen from hydrocarbon-based chains comprising from 1 to 40 carbon atoms, and  $R_5 + R_6 \geq 10$ ;
- synthetic ethers containing from 10 to 40 carbon atoms;
- $C_8$  to  $C_{26}$  fatty alcohols; and
- $C_8$  to  $C_{26}$  fatty acids.

239. (Withdrawn) The anhydrous composition according to claim 237, wherein said at least one apolar oil is chosen from:

- silicone oils chosen from volatile and non-volatile, linear and cyclic polydimethylsiloxanes that are liquid at room temperature;
- polydimethylsiloxanes comprising alkyl or alkoxy groups which are pendant and/or at the end of the silicone chain, the groups each containing from 2 to 24 carbon atoms;
- phenylsilicones; and
- hydrocarbons chosen from linear and branched, volatile and non-volatile hydrocarbons of synthetic and mineral origin.

240. (Withdrawn) The anhydrous composition according to claim 187, wherein said at least one liquid fatty phase comprises at least one non-volatile oil.

241. (Withdrawn) The anhydrous composition according to claim 240, wherein said at least one non-volatile oil is chosen from hydrocarbon-based oils of mineral, plant and synthetic origin, synthetic esters and ethers, and silicone oils.

242. (Withdrawn) The anhydrous composition according to claim 187, wherein said at least one liquid fatty phase is present in an amount ranging from 1% to 99% by weight relative to the total weight of the composition.

243. (Withdrawn) The anhydrous composition according to claim 242, wherein said at least one liquid fatty phase is present in an amount ranging from 5% to 95.5% by weight relative to the total weight of the composition.

244. (Withdrawn) The anhydrous composition according to claim 243 wherein said at least one liquid fatty phase is present in an amount ranging from 10% to 80% by weight relative to the total weight of the composition.

245. (Withdrawn) The anhydrous composition according to claim 244, wherein said at least one liquid fatty phase is present in an amount ranging from 20% to 75% by weight relative to the total weight of the composition.

246. (Withdrawn) The anhydrous composition according to claim 187, wherein said at least one liquid fatty phase comprises at least one volatile solvent chosen from hydrocarbon-based solvents and silicone solvents optionally comprising alkyl or alkoxy groups that are pendant or at the end of a silicone chain.

247. (Withdrawn) The anhydrous composition according to claim 246, wherein said at least one volatile solvent is present in an amount up to 95.5% relative to the total weight of the composition.

248. (Withdrawn) The anhydrous composition according to claim 247, wherein said at least one volatile solvent is present in an amount ranging from 2% to 75% relative to the total weight of the composition.

249. (Withdrawn) The anhydrous composition according to claim 248, wherein said at least one volatile solvent is present in an amount ranging from 10% to 45% relative to the total weight of the composition.

250. (Withdrawn) The anhydrous composition according to claim 187, wherein said composition further comprises at least one additional fatty material.

251. (Withdrawn) The anhydrous composition according to claim 250, wherein said at least one additional fatty material is chosen from gums, fatty materials pasty at ambient temperature, and resins.

252. (Withdrawn) The anhydrous composition according to claim 187, wherein said anhydrous composition further comprises castor oil.

253. (Withdrawn) The anhydrous composition according to claim 187, wherein said at least one oil-soluble ester comprising at least one free hydroxy group is chosen from propylene glycol ricinoleate, isopropyl hydroxystearate, triisocetyl citrate, diisostearyl malate, octyl hydroxystearate, triisoarachidyl citrate, cetyl lactate, dioctyl malate, octyldodecyl hydroxystearate, diisostearyl malate, and diisostearyl lactate.

254. (Withdrawn) The anhydrous composition according to claim 253, wherein said at least one oil-soluble ester is diisostearyl malate.

255. (Withdrawn) The anhydrous composition according to claim 253, wherein said at least one oil-soluble ester is triisocetyl citrate.

256. (Withdrawn) The anhydrous composition according to claim 187, wherein said at least one oil-soluble ester comprising at least one free hydroxy group is present in an amount ranging from 10% to 84% by weight, relative to the total weight of the anhydrous composition.

257. (Withdrawn) The anhydrous composition according to claim 256, wherein said at least one oil-soluble ester comprising at least one free hydroxy group is present in an amount ranging from 20% to 70% by weight, relative to the total weight of the anhydrous composition.

258. (Withdrawn) The anhydrous composition according to claim 187, wherein the composition is in a form chosen from a fluid anhydrous gel, rigid anhydrous gel, fluid simple emulsion, rigid simple emulsion, fluid multiple emulsion, and rigid multiple emulsion.

259. (Withdrawn) The anhydrous composition according to claim 187, wherein said composition is a solid.

260. (Withdrawn) The anhydrous composition according to claim 259, wherein said composition is a solid chosen from molded and poured sticks.

261. (Withdrawn) The composition according to claim 187, further comprising at least one fatty alcohol.

262. (Withdrawn) The composition according to claim 261, wherein said at least one fatty alcohol is chosen from C<sub>8</sub> to C<sub>26</sub> fatty alcohols.

263. (Withdrawn) The composition according to claim 262, wherein said at least one fatty alcohol is chosen from C<sub>12</sub> to C<sub>20</sub> fatty alcohols.

264. (Withdrawn) The composition according to claim 263, wherein said C<sub>12</sub> to C<sub>20</sub> fatty alcohols are chosen from myristyl alcohol, cetyl alcohol, stearyl alcohol and behenyl alcohol.

265. (Withdrawn) The composition according to claim 261, wherein the at least one fatty alcohol is present in a concentration ranging from 0.1% to 15.0% by weight, relative to the weight of the composition

266. (Withdrawn) The composition according to claim 265 wherein the at least one fatty alcohol is present in a concentration ranging from 0.5% to 10% by weight, relative to the weight of the composition.

267. (Withdrawn) The composition according to claim 266 wherein the at least one fatty alcohol is present in a concentration ranging from 0.5% to 8% by weight, relative to the weight of the composition.

268. (Withdrawn) The composition according to claim 187, further comprising at least one oil-soluble polymer.

269. (Withdrawn) The composition according to claim 268, wherein said at least one oil-soluble polymer is chosen from alkylated guar gums and alkyl celluloses..

270. (Withdrawn) The composition according to claim 268 wherein the at least one oil-soluble polymer is present in a concentration ranging from 0.05% to 10% by weight, relative to the weight of the composition.

271. (Withdrawn) The composition according to claim 270 wherein the at least one oil-soluble polymer is present in a concentration ranging from 0.1% to 5% by weight, relative to the weight of the composition.

272. (Withdrawn) The composition according to claim 271 wherein the at least one oil-soluble polymer is present in a concentration ranging from 0.1% to 3% by weight, relative to the weight of the composition.

273. (Withdrawn) The anhydrous composition according to claim 187, further comprising at least one oil-soluble cationic surfactant.

274. (Withdrawn) The composition according to claim 273, wherein said at least one oil-soluble cationic surfactant is chosen from quaternary ammonium compounds, fatty amines, and salts of fatty amines.

275. (Withdrawn) The composition according to claim 273 wherein the at least one oil-soluble cationic surfactant is present in a concentration ranging from 0.1% to 10% by weight, relative to the weight of the composition.

276. (Withdrawn) The composition according to claim 273 wherein the at least one oil-soluble cationic surfactant is present in a concentration ranging from 0.1% to 5% by weight, relative to the weight of the composition.

277. (Withdrawn) The composition according to claim 276 wherein the at least one oil-soluble cationic surfactant is present in a concentration ranging from 0.5% to 2% by weight, relative to the weight of the composition.

278. (Withdrawn) The composition according to claim 187, further comprising at least one wax.

279. (Withdrawn) The anhydrous composition according to claim 278, wherein said at least one wax is chosen from carnauba wax, candelilla wax, ouricury wax, Japan wax, cork fiber wax, sugar cane wax, paraffin waxes, lignite wax, microcrystalline waxes, lanolin wax, montan wax, polyethylene waxes, waxes obtained by Fischer-Tropsch synthesis, silicone waxes, ozokerites, hydrogenated jojoba oil, fatty acid esters, and fatty acid ester glycerides.

280. (Withdrawn) The composition according to claim 278, wherein said at least one wax is present at a concentration of up to 3% relative to the total weight of said composition.

281. (Withdrawn) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom with the proviso that said at least one hetero atom is not nitrogen; and

(ii) at least one oil-soluble ester comprising at least one free hydroxy group with the proviso that said at least one oil-soluble ester is not castor oil.

282. (Withdrawn) A foundation, mascara, eye liner, concealer, lipstick, blush for cheeks or eyelids, body makeup, sun screen, colorant for skin or hair, skin care formula, shampoo, after shampoo treatment, or makeup removing product comprising:

at least one liquid fatty phase in said foundation, mascara, eye liner, concealer, lipstick, blush for cheeks or eyelids, body makeup, sun screen, colorant for skin or hair, skin care formula, shampoo, after shampoo treatment, or makeup removing product which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one oil-soluble ester comprising at least one free hydroxy group.

283. (Withdrawn) The foundation, mascara, eyeliner, concealer, lipstick, blush for cheeks or eyelids, body make-up, sunscreen, colorant for skin or hair, skin care formula, shampoo, after shampoo treatment, or make-up-removing product according to claim 282, wherein said foundation, mascara, eyeliner, concealer, lipstick, blush for cheeks or eyelids, body make-up, sunscreen, colorant for skin or hair, skin care formula, shampoo, after shampoo treatment, or make-up-removing product is a solid.

284. (Withdrawn) An anhydrous deodorant comprising:

at least one liquid fatty phase in said deodorant which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one oil-soluble ester comprising at least one free hydroxy group.

285. (Withdrawn) The anhydrous deodorant according to claim 284, wherein said anhydrous deodorant is a solid.

286. (Withdrawn) A make-up and/or care and/or treatment composition for keratinous fibers comprising:

at least one liquid fatty phase in said composition which comprises:

(i) at least one structuring polymer comprising:

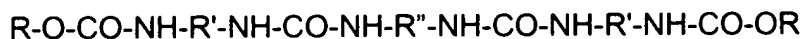
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one oil-soluble ester comprising at least one free hydroxy group.

287. (Withdrawn) A lipstick composition in stick form comprising at least one continuous liquid fatty phase, at least one oil-soluble ester comprising at least one free hydroxy group, and at least one non-waxy structuring polymer having a weight-average molecular mass of less than 100,000 in said lipstick composition, wherein said at least one continuous fatty phase, said at least one oil-soluble ester comprising at least one free hydroxy group, and said at least one non-waxy structuring polymer are present in said lipstick composition.

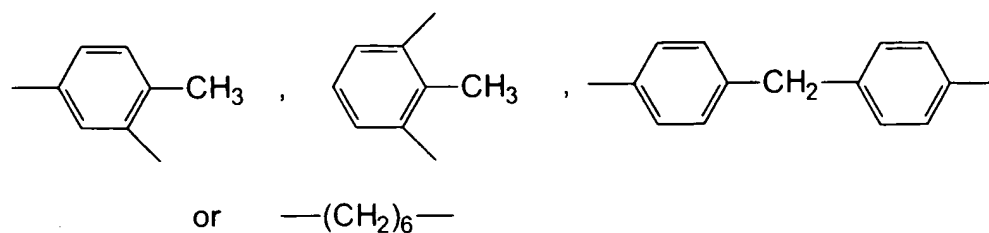
288. (Withdrawn) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer chosen from urea urethanes having the following formula:

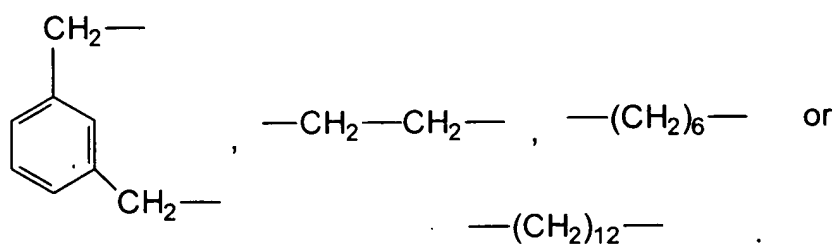
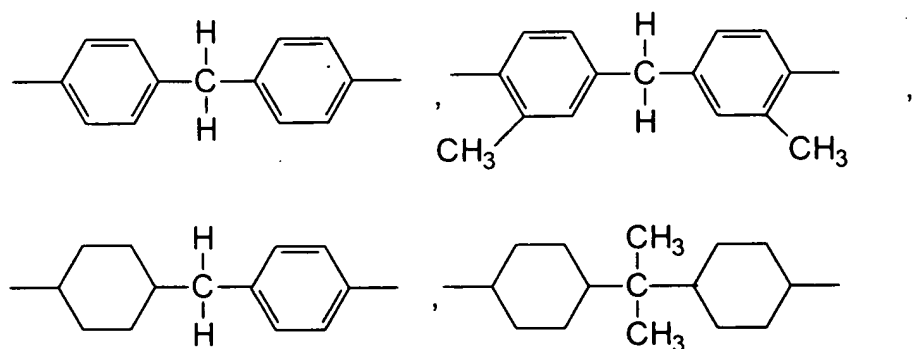


wherein R represents  $\text{C}_n\text{H}_{2n+1}-$ , wherein n represents an integer having a value greater than 22 or  $\text{C}_m\text{H}_{2m+1}(\text{OC}_p\text{H}_{2p})_r-$ , wherein m represents an integer having a value of greater than 18, p represents an integer having a value of from 2 to 4, and r represents an integer having a value of from 1 to 10; R' represents:





and  $R''$  represents:



; and

(ii) at least one oil-soluble ester comprising at least one free hydroxy group.

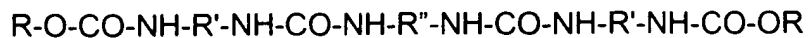
289. (Withdrawn) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

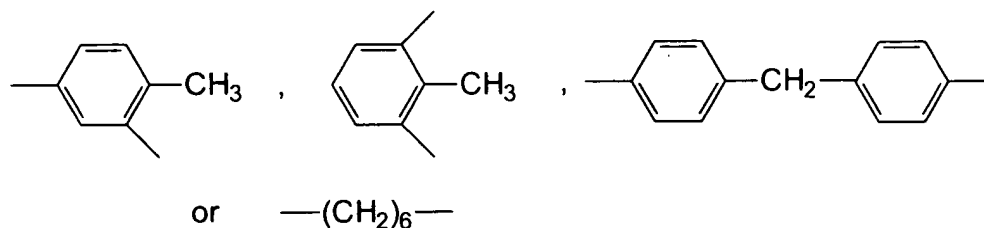
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one oil-soluble ester comprising at least one free hydroxy group,

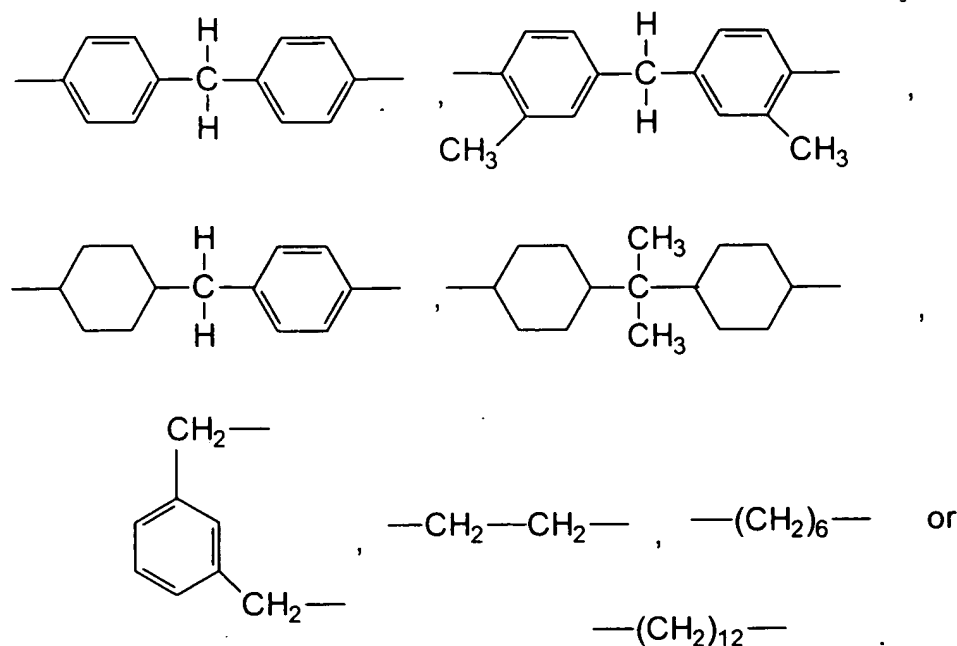
wherein said at least one structuring polymer does not include



wherein R represents  $\text{C}_n\text{H}_{2n+1}-$  or  $\text{C}_m\text{H}_{2m+1}(\text{C}_p\text{H}_{2p}\text{O})_r-$ ; n represents an integer having a value of from 4 to 22; m represents an integer having a value of from 1 to 18; p represents an integer having a value of from 2 to 4; and r represents an integer having a value of from 1 to 10; R' represents:



and R'' represents:



290. (Withdrawn) A make up, care, or treatment composition for the skin or lips comprising a structured composition comprising at least one liquid fatty phase in said composition structured with at least one structuring polymer comprising a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom, at least one oil-soluble ester comprising at least one free hydroxy group, and at least one coloring agent.

291. (Withdrawn) A treatment, care or make-up composition for keratinous fibers comprising a structured composition in said composition containing at least one liquid fatty phase structured with at least one structuring polymer comprising a polymer skeleton comprising at least one hydrocarbon-based repeating unit comprising at least one hetero atom, at least one oil-soluble ester comprising at least one free hydroxy group, and at least one coloring agent.

292. (Withdrawn) A structured composition comprising at least one liquid fatty phase in said composition structured with at least one structuring polymer comprising a polymer skeleton comprising at least one hydrocarbon-

based repeating unit comprising at least one hetero atom, wherein the at least one structuring polymer further comprises at least one terminal fatty chain, optionally functionalized, chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group chosen from amides, ureas, and esters, wherein when said at least one linking group is chosen from esters, said at least one terminal fatty chain is chosen from branched alkyl groups and at least one oil-soluble ester comprising at least one free hydroxy group.

293. (Withdrawn) A composition according to claim 292, wherein said at least one structuring polymer may also comprise at least one pendant fatty chain, optionally functionalized, chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via bonded to any carbon or hetero atom of the polymer skeleton via at least one linking group chosen from amides, ureas, and esters, wherein when said at least one linking group is chosen from esters, said at least one pendant fatty chain is chosen from branched alkyl groups.

294. (Withdrawn) A structured composition comprising at least one liquid fatty phase in said composition structured with at least one structuring polymer comprising a polymer skeleton comprising at least one hydrocarbon-based repeating unit comprising at least one hetero atom, wherein the at least one structuring polymer further comprises at least one pendant fatty chain, optionally functionalized, chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group chosen from amides, ureas, and esters, wherein when said at least one linking group is chosen from esters, said at least one pendant fatty chain is chosen from branched alkyl groups and at least one oil-soluble ester comprising at least one free hydroxy group.

295. (Withdrawn) A method for care, make-up, or treatment of a keratin material chosen from lips, skin, and keratinous fibers, comprising applying to said keratin material a cosmetic composition comprising:  
at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:  
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one oil-soluble ester comprising at least one free hydroxy group.

296. (Withdrawn) A method for making a cosmetic composition in the form of a physiologically acceptable composition comprising including in said composition at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:  
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one oil-soluble ester comprising at least one free hydroxy group.

297. (Withdrawn) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:  
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

(ii) at least one oil-soluble ester comprising at least one free hydroxy group.

298. (Withdrawn) A method for providing at least one of resistance to shear and stability to a cosmetic composition, comprising including in said cosmetic composition at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:  
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one oil-soluble ester comprising at least one free hydroxy group,

and further wherein said at least one structuring polymer and said at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums are present in a combined amount effective to provide at least one property chosen from resistance to shear and stability.

299. (Withdrawn) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising: a polymer skeleton which comprises a) at least one hydrocarbon-based repeating unit comprising at least one hetero atom and b) at least one of:

- at least one terminal fatty chain, optionally functionalized, chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

- at least one pendant fatty chain, optionally functionalized, chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group; and

(ii) at least one oil-soluble ester comprising at least one free hydroxy group.

300. (Withdrawn) A sunscreen comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one oil-soluble ester comprising at least one free hydroxy group.

301. (Withdrawn) An anhydrous sunscreen comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one oil-soluble ester comprising at least one free hydroxy group.

302. (Withdrawn) The anhydrous sunscreen according to claim 301, wherein said at least one liquid fatty phase of the anhydrous sunscreen comprises at least one oil.

303. (Withdrawn) The anhydrous sunscreen according to claim 301, wherein said anhydrous sunscreen further comprises castor oil.

304. (Withdrawn) The anhydrous sunscreen according to claim 301, wherein said anhydrous sunscreen further comprises at least one fatty alcohol.

305. (Withdrawn) The anhydrous sunscreen according to claim 301, wherein said anhydrous sunscreen further comprises at least one oil-soluble cationic surfactant.

306. (Withdrawn) The anhydrous sunscreen according to claim 301, wherein said anhydrous sunscreen further comprises at least one oil-soluble polymer.

307. (Withdrawn) The anhydrous sunscreen according to claim 301, wherein said anhydrous sunscreen is a solid.

308. (Withdrawn) The anhydrous sunscreen according to claim 307, wherein said anhydrous sunscreen is a solid chosen from molded and poured sticks.

309. (Withdrawn) A composition comprising at least one liquid fatty phase comprising:

- (i) at least one structuring polymer which comprises at least one hydrocarbon-based repeating unit; and

- (ii) at least one UV blocker.

310. (Withdrawn) The composition according to claim 309, wherein said at least one UV blocker is chosen from organic filters, inorganic nanoparticles, and mixtures thereof.

311. (Withdrawn) The composition according to claim 309, wherein said UV blocker is present in an amount ranging from 0.1% to 30% of the total weight of the composition.

312. (Previously presented) The composition according to claim 95, wherein said composition has a hardness ranging from 30 to 300 g, measured by penetrating a probe into said composition using a texture analyzer.

313. (Previously presented) The composition according to claim 312, wherein said composition has a hardness ranging from 30 to 250 g, measured by penetrating a probe into said composition using a texture analyzer.

314. (Previously presented) The composition according to claim 313, wherein said composition has a hardness ranging from 30 to 200 g, measured by penetrating a probe into said composition using a texture analyzer.



Pending Claims  
Application No. 09/733,897  
Attorney Docket No.: 05725.0809-00000  
Filed: December 12, 2000

1. (Withdrawn) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom;

(ii) at least one oil-soluble ester comprising at least one free hydroxy group; and

(iii) at least one oil-soluble cationic surfactant.

2. (Original) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom;

(ii) at least one oil-soluble ester comprising at least one free hydroxy group; and

(iii) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

3. (Withdrawn) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom;

(ii) at least one oil-soluble cationic surfactant; and

(iii) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

4. (Withdrawn) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer, wherein said at least one structuring polymer is at least one polyamide polymer comprising:

- a polymer skeleton which comprises at least one amide repeating unit;
- (ii) at least one oil-soluble ester comprising at least one free hydroxy group; and
- (iii) at least one oil-soluble cationic surfactant.

5. (Original) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer, wherein said at least one structuring polymer is at least one polyamide polymer comprising:

- a polymer skeleton which comprises at least one amide repeating unit;
- (ii) at least one oil-soluble ester comprising at least one free hydroxy group; and
- (iii) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

6. (Withdrawn) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer, wherein said at least one structuring polymer is at least one polyamide polymer comprising:

- a polymer skeleton which comprises at least one amide repeating unit;
- (ii) at least one oil-soluble cationic surfactant; and
- (iii) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

7. (Withdrawn) An anhydrous composition comprising at least one liquid fatty phase which comprises:

- (i) at least one structuring polymer comprising:
  - a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom;
- (ii) at least one oil-soluble ester comprising at least one free hydroxy group; and
- (iii) at least one oil-soluble cationic surfactant.

8. (Original) An anhydrous composition comprising at least one liquid fatty phase which comprises:

- (i) at least one structuring polymer comprising:
  - a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom;

(ii) at least one oil-soluble ester comprising at least one free hydroxy group; and  
(iii) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

9. (Withdrawn) An anhydrous composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom;

(ii) at least one oil-soluble cationic surfactant; and

(iii) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

10. (Cancelled)

11. (Original) A mascara, an eyeliner, a foundation, a lipstick, a make-up-removing product, a make-up product for the body, a nail composition, an eyeshadow, a face powder, a concealer product, a shampoo, a conditioner, an antisun product or a care product for the lips, hair or nails comprising a composition comprising at least one liquid fatty phase in said mascara, eyeliner, foundation, lipstick, blusher, make-up-removing product, make-up product for the body, nail composition, eyeshadow, face powder, concealer product, shampoo, conditioner, antisun product or care product for the lips, hair or nails which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least two components chosen from:

(a) at least one oil-soluble ester comprising at least one free hydroxy group;

(b) at least one oil-soluble cationic surfactant; and

(c) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

12. (Original) A deodorant product or a care product for the skin, lips, or body comprising a composition comprising at least one liquid fatty phase in said product which comprises:

(i) at least one structuring polymer comprising:  
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and  
(ii) at least two components chosen from:  
(a) at least one oil-soluble ester comprising at least one free hydroxy group;  
(b) at least one oil-soluble cationic surfactant; and  
(c) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

13. (Cancelled)

14. (Original) A care and/or treatment and/or make-up composition for keratinous fibers, lips or skin comprising at least one liquid fatty phase in said care and/or treatment and/or make-up composition for keratinous fibers, lips or skin which comprises:

(i) at least one structuring polymer comprising:  
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and  
(ii) at least two components chosen from:  
(a) at least one oil-soluble ester comprising at least one free hydroxy group;  
(b) at least one oil-soluble cationic surfactant; and  
(c) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

15. (Original) A lipstick composition in stick form comprising (i) at least one continuous liquid fatty phase, (ii) at least two components chosen from:  
(a) at least one oil-soluble ester comprising at least one free hydroxy group;  
(b) at least one oil-soluble cationic surfactant; and  
(c) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums, and (iii) at least one non-waxy structuring polymer having a weight-average molecular mass of less than 100 000 in said lipstick composition, said continuous liquid fatty phase, said at least two components, and said at least one non-waxy structuring polymer being present in said lipstick composition.

16. (Original) An eyeshadow composition comprising at least one liquid fatty phase in said eyeshadow composition which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least two components chosen from:

(a) at least one oil-soluble ester comprising at least one free hydroxy group;

(b) at least one oil-soluble cationic surfactant; and

(c) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

17. (Original) A lipstick composition comprising at least one liquid fatty phase in said lipstick composition which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least two components chosen from:

(a) at least one oil-soluble ester comprising at least one free hydroxy group;

(b) at least one oil-soluble cationic surfactant; and

(c) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

18. (Original) A foundation composition comprising at least one liquid fatty phase in said foundation composition which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least two components chosen from:

(a) at least one oil-soluble ester comprising at least one free hydroxy group;

(b) at least one oil-soluble cationic surfactant; and

(c) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

19. (Withdrawn) A method for care, make-up or treatment of keratinous fibers, lips, or skin comprising applying to said keratinous fibers, lips, or skin a composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least two components chosen from:

(a) at least one oil-soluble ester comprising at least one free hydroxy group;

(b) at least one oil-soluble cationic surfactant; and

(c) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

20. (Withdrawn) A method for providing an anhydrous composition having at least one property chosen from a solid appearance, non-exudation, shear-strength, gloss, and comfortable deposit on keratin materials chosen from lips, skin, and keratinous fibers, comprising including in said composition at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least two components chosen from:

(a) at least one oil-soluble ester comprising at least one free hydroxy group;

(b) at least one oil-soluble cationic surfactant; and

(c) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

21. (Original) A structured composition comprising at least one liquid fatty phase structured with at least one structuring polymer comprising a polymer skeleton comprising at least one hydrocarbon-based repeating unit comprising at least one hetero atom, wherein the at least one structuring polymer further comprises at least one chain chosen from

(i) terminal fatty chains, optionally functionalized, chosen from alkyl and alkenyl chains, bonded to the polymer skeleton via at least one linking group chosen from amides, ureas, and esters, and

(ii) pendant fatty chains, optionally functionalized, chosen from alkyl and alkenyl chains, bonded to the polymer skeleton via at least one linking group chosen from amides, ureas, and esters,

wherein when said at least one linking group is chosen from esters, said at least one terminal fatty chain is chosen from branched alkyl groups, and

further comprising at least two components chosen from:

(a) at least one oil-soluble ester comprising at least one free hydroxy group;

(b) at least one oil-soluble cationic surfactant; and

(c) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

22. (Previously presented) A make-up or care or treatment composition for the skin, the lips, or keratinous fibers comprising a structured composition comprising at least one liquid fatty phase structured with at least one structuring polymer comprising a polymer skeleton comprising at least one hydrocarbon-based repeating unit comprising at least one hetero atom, at least two components chosen from:

(a) at least one oil-soluble ester comprising at least one free hydroxy group;

(b) at least one oil-soluble cationic surfactant; and

(c) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums, and

wherein said make-up or care or treatment composition further comprises at least one coloring agent.

23. (Withdrawn) A method of making up or caring for skin, lips, or keratinous fibers comprising applying to said skin, lips, or keratinous fibers a structured composition comprising at least one liquid fatty phase structured with at least one structuring polymer comprising a polymer skeleton comprising at least one hydrocarbon-based repeating unit comprising at least one hetero atom, and

at least two components chosen from:

(a) at least one oil-soluble ester comprising at least one free hydroxy group;

(b) at least one oil-soluble cationic surfactant; and  
 (c) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

24. (Original) A anhydrous composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least two components chosen from:

(a) at least one oil-soluble ester comprising at least one free hydroxy group;

(b) at least one oil-soluble cationic surfactant; and

(c) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

25. (Original) An anhydrous composition according to claim 24, wherein said at least three hydrocarbon-based repeating units are identical.

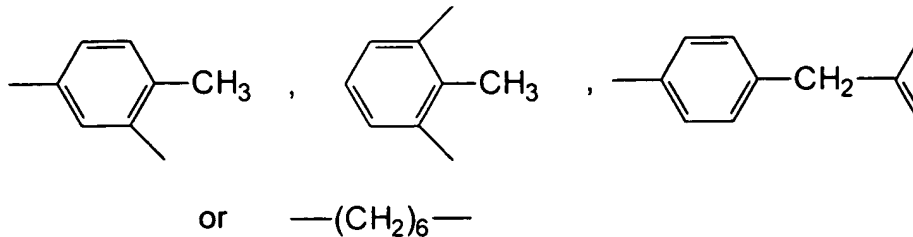
26. (Withdrawn) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer chosen from urea-urethanes having the following formula:



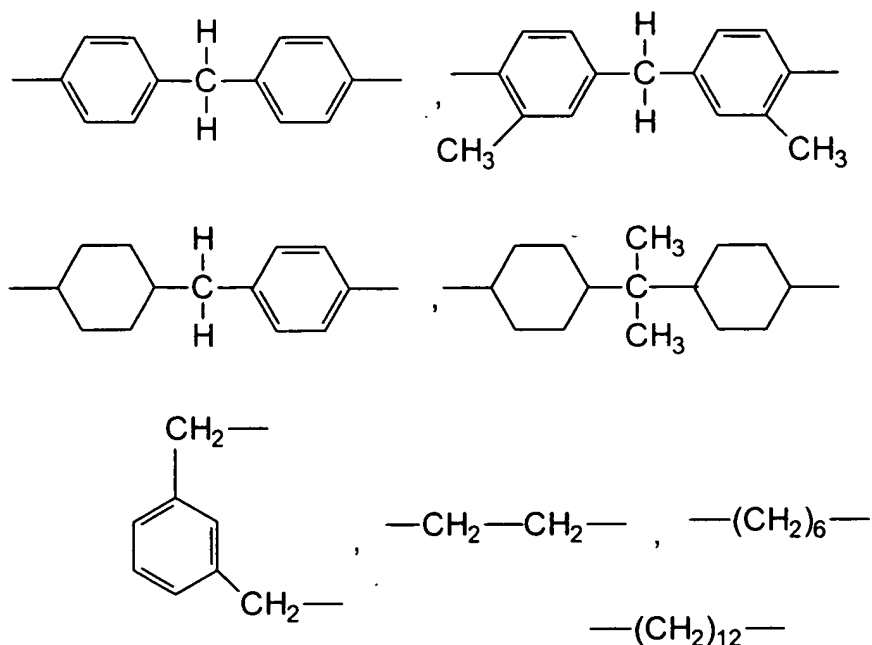
wherein R represents  $C_nH_{2n+1}-$ , wherein n represents an integer having a value greater than 22 or  $C_mH_{2m+1}(OC_pH_{2p})_r-$ , wherein m represents an integer having a value of greater than 18, p represents an integer having a value of from 2 to 4, and r represents an integer having a value of from 1 to 10.

R' represents:





and R'' represents:



; and

(ii) at least two components chosen from:

(a) at least one oil-soluble ester comprising at least one free hydroxy group;

(b) at least one oil-soluble cationic surfactant; and

(c) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

27. (Withdrawn) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom with the proviso that said at least one hetero atom is not nitrogen; and

(ii) at least two components chosen from:

(a) at least one oil-soluble ester comprising at least one free hydroxy group;

(b) at least one oil-soluble cationic surfactant; and

(c) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

28. (Original) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising: a polymer skeleton which comprises a) at least one hydrocarbon-based repeating unit comprising at least one hetero atom and b) at least one of:

- at least one terminal fatty chain, optionally functionalized, chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

- at least one pendant fatty chain, optionally functionalized, chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group; and

(ii) at least two components chosen from:

(a) at least one oil-soluble ester comprising at least one free hydroxy group;

(b) at least one oil-soluble cationic surfactant; and

(c) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

29. (Original) A make-up composition in stick form comprising at least one continuous liquid fatty phase, at least two components chosen from:

(a) at least one oil-soluble ester comprising at least one free hydroxy group;

(b) at least one oil-soluble cationic surfactant; and

(c) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums, and at least one non-waxy structuring polymer having a weight-average molecular mass of less than 100, 000.

30. (Withdrawn) A method for care, make-up or treatment of keratin materials comprising applying to said keratin materials a composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least two components chosen from:

- (a) at least one oil-soluble ester comprising at least one free hydroxy group;
- (b) at least one oil-soluble cationic surfactant; and
- (c) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

31. (Withdrawn) A method for care, make-up or treatment of keratin fibers comprising applying to said keratin fibers a composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:  
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least two components chosen from:

- (a) at least one oil-soluble ester comprising at least one free hydroxy group;
- (b) at least one oil-soluble cationic surfactant; and
- (c) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

32. (Withdrawn) A method for increasing at least one of the hardness of a composition, its shear strength and its heat resistance, comprising including in said composition at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:  
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least two components chosen from:

- (a) at least one oil-soluble ester comprising at least one free hydroxy group;
- (b) at least one oil-soluble cationic surfactant; and
- (c) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

33. (Withdrawn) A method for making a physiologically acceptable cosmetic composition comprising including in a cosmetic composition at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom, wherein said at least one structuring polymer further optionally comprises at least one of:

at least one terminal fatty chain comprising 8 to 120 carbon atoms, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

at least one pendant fatty chain comprising 8 to 120 carbon atoms, wherein said at least one pendant fatty chain is bonded to any carbon or hetero atom of said polymer skeleton via at least one linking group; and

(ii) at least two components chosen from:

(a) at least one oil-soluble ester comprising at least one free hydroxy group;

(b) at least one oil-soluble cationic surfactant; and

(c) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

34. (Original) A structured composition comprising at least one liquid fatty phase structured with at least one structuring polymer comprising a polymer skeleton comprising at least one hydrocarbon-based repeating unit comprising at least one hetero atom, wherein the at least one structuring polymer further comprises at least one of: terminal and pendant fatty chains, optionally functionalized, said terminal and pendant fatty chains comprising at least one chain chosen from alkyl and alkenyl chains, bonded to the polymer skeleton via at least one linking group chosen from amides, ureas, and esters, wherein when said at least one linking group is chosen from esters, said terminal fatty chains are chosen from branched alkyl groups, wherein said at least one liquid fatty phase also comprises at least two components chosen from:

(a) at least one oil-soluble ester comprising at least one free hydroxy group;

(b) at least one oil-soluble cationic surfactant; and

(c) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

35. (Original) A structured anhydrous composition comprising at least one liquid fatty phase structured with at least one structuring polymer comprising a polymer skeleton comprising at least one hydrocarbon-based repeating unit comprising at least

one hetero atom, wherein the at least one structuring polymer further comprises at least one of: terminal and pendant fatty chains, optionally functionalized, said terminal and pendant fatty chains comprising at least one chain chosen from alkyl and alkenyl chains, bonded to the polymer skeleton via at least one linking group chosen from amides, ureas, and esters, wherein when said at least one linking group is chosen from esters, said terminal fatty chains are chosen from branched alkyl groups, wherein said at least one liquid fatty phase also comprises at least two components chosen from:

- (a) at least one oil-soluble ester comprising at least one free hydroxy group;
- (b) at least one oil-soluble cationic surfactant; and
- (c) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated

guar gums.

36. (Cancelled)

37. (Cancelled)

38. (Withdrawn) A method of making up or caring for skin, lips or keratinous fibers comprising applying to said skin or keratinous fibers a structured composition containing at least one liquid fatty phase structured with at least one structuring polymer comprising a polymer skeleton comprising at least one hydrocarbon-based repeating unit comprising at least one hetero atom and at least two components chosen from:

- (a) at least one oil-soluble ester comprising at least one free hydroxy group;
- (b) at least one oil-soluble cationic surfactant; and
- (c) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated

guar gums.

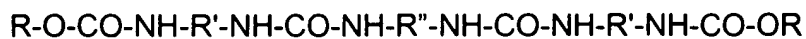
39. (Original) A composition comprising at least one liquid fatty phase in said composition which comprises:

- (i) at least one structuring polymer comprising:
  - a polymer skeleton which comprises at least three hydrocarbon-based repeating units comprising at least one hetero atom; and
- (ii) at least two components chosen from:
  - (a) at least one oil-soluble ester comprising at least one free hydroxy group;
  - (b) at least one oil-soluble cationic surfactant; and

(c) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

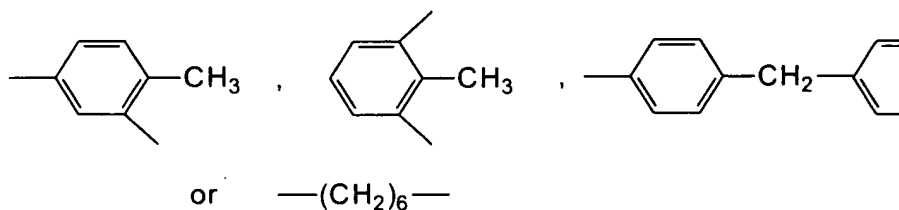
40. (Withdrawn) A composition comprising at least one liquid fatty phase in said composition which comprises:

(i) at least one structuring polymer chosen from urea-urethanes having the following formula:

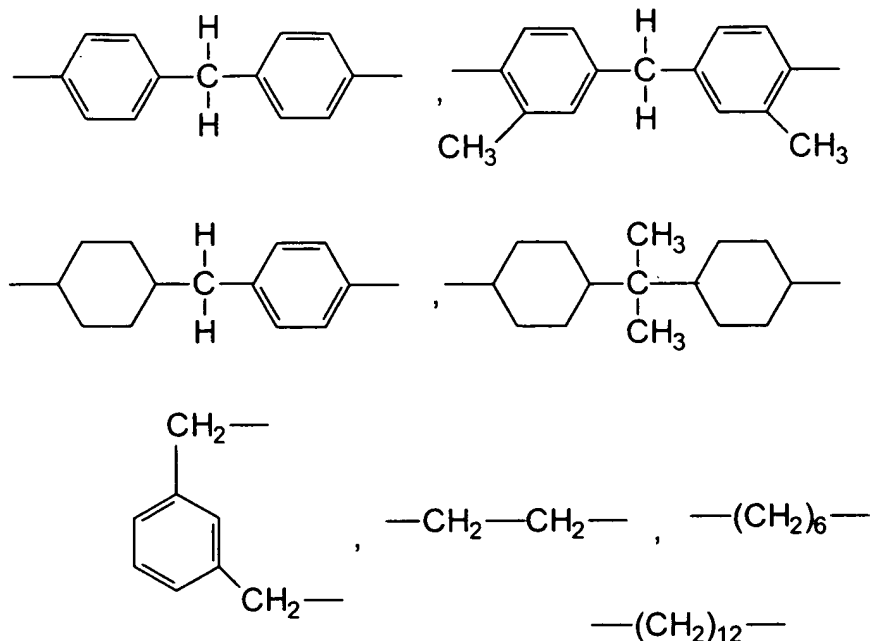


wherein R represents  $C_nH_{2n+1}-$ , wherein n represents an integer having a value greater than 22 or  $C_mH_{2m+1}(OC_pH_{2p})_r-$ , wherein m represents an integer having a value of greater than 18, p represents an integer having a value of from 2 to 4, and r represents an integer having a value of from 1 to 10.

R' represents:



and R'' represents:



; and

(ii) at least two components chosen from:

- (a) at least one oil-soluble ester comprising at least one free hydroxy group;
- (b) at least one oil-soluble cationic surfactant; and
- (c) at least one oil-soluble polymer chosen from alkyl celluloses and alkylated guar gums.

41. (Withdrawn) The composition according to claim 1, wherein said at least one structuring polymer further comprises at least one of:

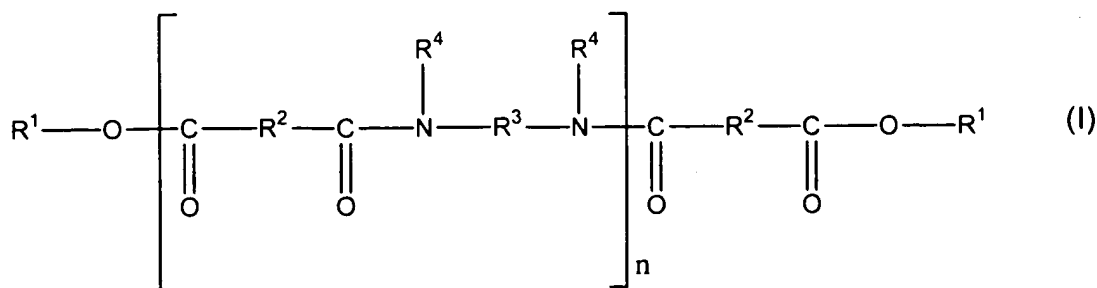
at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

at least one pendant fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group.

42. (Withdrawn) The composition according to claim 41, wherein said alkyl chains and said alkenyl chains each comprise at least four carbon atoms.
43. (Withdrawn) The composition according to claim 41, wherein said at least one linking group is chosen from single bonds and urea, urethane, thiourea, thiourethane, thioether, thioester, ester, ether, and amine groups.
44. (Withdrawn) The composition according to claim 43, wherein said at least one linking group is an ester group present in a proportion ranging from 15% to 40% of the total number of all ester and hetero atom groups in the at least one structuring polymer.
45. (Withdrawn) The composition according to claim 41, wherein said at least one terminal fatty chain is functionalized.
46. (Withdrawn) The composition according to claim 41, wherein said at least one pendant fatty chain is functionalized.
47. (Withdrawn) The composition according to claim 41, wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 40% to 98% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer.
48. (Withdrawn) The composition according to claim 1, wherein said at least one structuring polymer has a weight-average molecular mass of less than 100,000.
49. (Withdrawn) The composition according to claim 1, wherein said at least one hydrocarbon-based repeating unit comprises from 2 to 80 carbon atoms.
50. (Withdrawn) The composition according to claim 1, wherein said at least one hetero atom of said at least one hydrocarbon-based repeating unit is chosen from nitrogen, sulfur, and phosphorus.
51. (Withdrawn) The composition according to claim 1, wherein said at least one hetero atom is combined with at least one atom chosen from oxygen and carbon to form a hetero atom group.
52. (Withdrawn) The composition according to claim 51, wherein said at least one hetero atom group is chosen from amide groups, carbamate groups, and urea groups.



53. (Withdrawn) The composition according to claim 1, wherein said at least one structuring polymer is chosen from polyamide polymers of formula (I):



in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;
- R<sup>1</sup>, which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;
- R<sup>2</sup>, which are identical or different, are each chosen from C<sub>4</sub> to C<sub>42</sub> hydrocarbon-based groups with the proviso that at least 50% of all R<sup>2</sup> are chosen from C<sub>30</sub> to C<sub>42</sub> hydrocarbon-based groups;
- R<sup>3</sup>, which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms, and nitrogen atoms, with the proviso that R<sup>3</sup> comprises at least 2 carbon atoms; and
- R<sup>4</sup>, which are identical or different, are each chosen from hydrogen atoms, C<sub>1</sub> to C<sub>10</sub> alkyl groups and a direct bond to at least one group chosen from R<sup>3</sup> and another R<sup>4</sup> such that when said at least one group is chosen from another R<sup>4</sup>, the nitrogen atom to which both R<sup>3</sup> and R<sup>4</sup> are bonded forms part of a heterocyclic structure defined in part by R<sup>4</sup>-N-R<sup>3</sup>, with the proviso that at least 50% of all R<sup>4</sup> are chosen from hydrogen atoms.

54. (Withdrawn) The composition according to claim 1, wherein said at least one structuring polymer has a softening point greater than 50°C.

55. (Withdrawn) The composition according to claim 1, wherein said at least one structuring polymer is present in the composition in an amount ranging from 0.5% to 80% by weight relative to the total weight of the composition.

56. (Withdrawn) The composition according to claim 55, wherein said at least one structuring polymer is present in the composition in an amount ranging from 2% to 60% by weight relative to the total weight of the composition.

57. (Withdrawn) The composition according to claim 56, wherein said at least one structuring polymer is present in the composition in an amount ranging from 5% to 40% by weight relative to the total weight of the composition.

58. (Withdrawn) The composition according to claim 1, wherein said composition has a hardness ranging from 30 to 300 g.

59. (Withdrawn) The composition according to claim 1, wherein said at least one liquid fatty phase further comprises at least one oil.

60. (Withdrawn) The composition according to claim 1, wherein said at least one liquid fatty phase further comprises at least one non-volatile oil.

61. (Withdrawn) The composition according to claim 60, wherein said at least one non-volatile oil is chosen from hydrocarbon-based oils of mineral, plant, and synthetic origin, synthetic esters and ethers, and silicone oils.

62. (Withdrawn) The composition according to claim 1, wherein said at least one liquid fatty phase is present in an amount ranging from 1% to 99% by weight relative to the total weight of the composition.

63. (Withdrawn) The composition according to claim 1, wherein said at least one liquid fatty phase further comprises at least one volatile solvent chosen from hydrocarbon-based solvents and silicone solvents optionally comprising alkyl or alkoxy groups that are pendant or at the end of a silicone chain.

64. (Withdrawn) The composition according to claim 63, wherein said at least one volatile solvent is present in an amount up to 95.5% relative to the total weight of the composition.

65. (Withdrawn) The composition according to claim 1, wherein the at least one oil-soluble ester comprising at least one free hydroxy group is not castor oil.

66. (Withdrawn) The composition according to claim 1, wherein said at least one oil-soluble ester is chosen from propylene glycol ricinoleate, isopropyl hydroxystearate, tri-isocetyl citrate, di-isostearyl malate, octyl hydroxystearate, tri-isoarachidyl citrate, cetyl lactate, dioctyl malate, octyldodecyl hydroxystearate, di-isostearyl malate, and di-isostearyl lactate.

67. (Withdrawn) The composition according to claim 66, wherein said at least one oil-soluble ester is di-isostearyl malate.

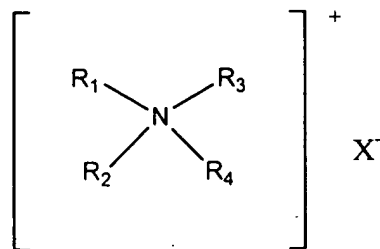
68. (Withdrawn) The composition according to claim 1, wherein the at least one oil-soluble ester comprising at least one free hydroxyl group is present in a concentration ranging from 10% to 84% by weight, relative to the weight of the composition.

69. (Withdrawn) The composition according to claim 1, wherein said at least one oil-soluble cationic surfactant is chosen from quaternary ammonium compounds and fatty amines.

70. (Withdrawn) The composition according to claim 69, wherein said quaternary ammonium compounds are chosen from salts of quaternary ammonium compounds.

71. (Withdrawn) The composition according to claim 69, wherein said fatty amines are chosen from salts of fatty amines.

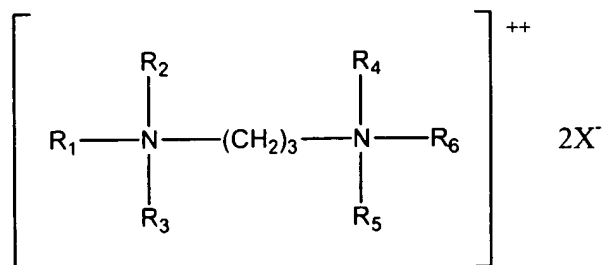
72. (Withdrawn) The composition according to claim 69, wherein said quaternary ammonium compounds are chosen from quaternary ammonium salts of the formula



wherein  $R_1$ ,  $R_2$ ,  $R_3$ , and  $R_4$  are each independently chosen from an aliphatic group of from 1 to 22 carbon atoms,  $C_1$ - $C_3$  alkyls, hydroxyalkyls, polyalkoxys, aromatic groups having from 12 to 22 carbon atoms, aryl groups having from 12 to 22 carbon

atoms, and alkylaryl groups having from 12 to 22 carbon atoms; and X is chosen from halogen, acetate, phosphate, nitrate, and alkylsulfate radicals.

73. (Withdrawn) The composition according to claim 69, wherein said quaternary ammonium compounds are chosen from quaternary ammonium salts of the formula



wherein R<sub>1</sub> is an aliphatic group having from 16 to 22 carbon atoms; R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub>, R<sub>5</sub>, and R<sub>6</sub> are independently chosen from hydrogen and alkyl having from 1 to 4 carbon atoms; and X is chosen from halogens, acetates, phosphates, nitrates, and alkyl sulfate radicals.

74. (Withdrawn) The composition according to claim 69, wherein said fatty amines comprise alkyl groups having from 12 to 22 carbon atoms.

75. (Withdrawn) The composition according to claim 69, wherein said fatty amines are chosen from stearamido propyl dimethyl amine, diethyl amino ethyl stearamide, dimethyl stearamine, dimethyl soyamine, soyamine, tridecyl amine, ethyl stearylamine, ethoxylated stearylamine, dihydroxyethyl stearylamine, and arachidylbehenylamine.

76. (Withdrawn) The composition according to claim 71, wherein said salts of fatty amines are chosen from halogens, acetates, phosphates, nitrates, citrates, lactates, and alkyl sulfates.

77. (Withdrawn) The composition according to claim 69, wherein said quaternary ammonium compounds are chosen from 1-methyl-1-[(stearylamine)ethyl]-2-heptadecyl-4,5-dihydroimidazolinium chloride, 1-methyl-1-[(palmitoylamine)ethyl]-2-octadecyl-4,5-dihydroimidazolinium chloride, and 1-methyl-1-[(tallowamine)-ethyl]-2-tallow-imidazolinium methyl sulfate.

78. (Withdrawn) The composition according to claim 1, wherein said at least one oil-soluble cationic surfactant is lauryl methyl gluceth-10-hydroxypropyl dimmonium chloride.

79. (Withdrawn) The composition according to claim 1, wherein said at least one oil-soluble cationic surfactant is present in an amount ranging from 0.1% to 10% by weight of the total weight of said composition.

80. (Withdrawn) The composition according to claim 1, wherein the composition is in a form chosen from a fluid gel, rigid gel, fluid simple emulsion, rigid simple emulsion, fluid multiple emulsion, and rigid multiple emulsion.

81. (Withdrawn) The composition according to claim 1, wherein said composition is a solid.

82. (Withdrawn) The composition according to claim 1, further comprising at least one fatty alcohol.

83. (Withdrawn) The composition according to claim 82, wherein said at least one fatty alcohol is chosen from C<sub>8</sub> to C<sub>26</sub> fatty alcohols.

84. (Withdrawn) The composition according to claim 82, wherein the at least one fatty alcohol is present in a concentration ranging from 0.1% to 15.0% by weight, relative to the weight of the composition.

85. (Withdrawn) The composition according to claim 1, wherein said composition further comprises at least one additional fatty material.

86. (Withdrawn) The composition according to claim 1, wherein said composition further comprises castor oil.

87. (Withdrawn) The composition according to claim 1, further comprising at least one gum.

88. (Withdrawn) The composition according to claim 1, further comprising at least one wax.

89. (Withdrawn) The composition according to claim 88, wherein said at least one wax is present at a concentration of up to 3% relative to the total weight of said composition.

90. (Withdrawn) The composition according to claim 1, further comprising at least one oil-soluble polymer.

91. (Withdrawn) The composition according to claim 90, wherein said at least one oil-soluble polymer is chosen from alkylated guar gums and alkyl celluloses.

92. (Withdrawn) The composition according to claim 90, wherein the at least one oil-soluble polymer is present in a concentration ranging from 0.05% to 10% by weight, relative to the weight of the composition.

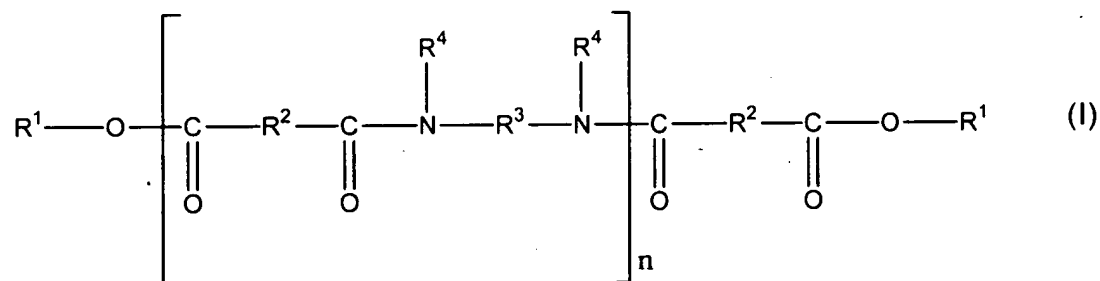
93. (Withdrawn) The composition according to claim 4, wherein said at least one polyamide polymer further comprises at least one of:

at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

at least one pendant fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group.

94. (Withdrawn) The composition according to claim 4, wherein said at least one polyamide polymer has a weight-average molecular mass of less than 100,000.

95. (Withdrawn) The composition according to claim 4, wherein said at least one polyamide polymer is chosen from polyamide polymers of formula (I):



in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;

- R<sup>1</sup>, which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;

- $R^2$ , which are identical or different, are each chosen from  $C_4$  to  $C_{42}$  hydrocarbon-based groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon-based groups;
- $R^3$ , which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms, and nitrogen atoms, with the proviso that  $R^3$  comprises at least 2 carbon atoms; and
- $R^4$ , which are identical or different, are each chosen from hydrogen atoms,  $C_1$  to  $C_{10}$  alkyl groups and a direct bond to at least one group chosen from  $R^3$  and another  $R^4$  such that when said at least one group is chosen from another  $R^4$ , the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined in part by  $R^4$ -N- $R^3$ , with the proviso that at least 50% of all  $R^4$  are chosen from hydrogen atoms.

96. (Withdrawn) The composition according to claim 4, wherein said at least one polyamide polymer has a softening point greater than 50°C.

97. (Withdrawn) The composition according to claim 4, wherein said at least one polyamide polymer is present in the composition in an amount ranging from 0.5% to 80% by weight relative to the total weight of the composition.

98. (Withdrawn) The composition according to claim 4, wherein said composition has a hardness ranging from 30 to 300 g.

99. (Withdrawn) The composition according to claim 4, wherein said at least one liquid fatty phase further comprises at least one oil.

100. (Withdrawn) The composition according to claim 4, wherein said at least one liquid fatty phase is present in an amount ranging from 1% to 99% by weight relative to the total weight of the composition.

101. (Withdrawn) The composition according to claim 4, wherein said at least one oil-soluble ester is chosen from propylene glycol ricinoleate, isopropyl hydroxystearate, tri-isocetyl citrate, di-isostearyl malate, octyl hydroxystearate, tri-isoarachidyl citrate, cetyl lactate, dioctyl malate, octyldodecyl hydroxystearate, di-isostearyl malate, and di-isostearyl lactate.

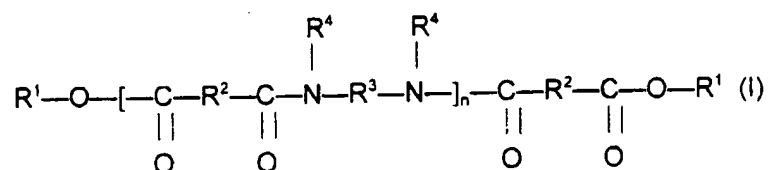
102. (Withdrawn) The composition according to claim 4, wherein said at least one oil-soluble cationic surfactant is chosen from quaternary ammonium compounds and fatty amines.



PENDING CLAIMS  
Application No. 10/203,018  
Attorney Docket No. 05725.0816-01000  
Filed: August 5, 2002

114. A method of making-up eyelashes comprising applying to said eyelashes a mascara composition comprising:

- (i) at least one inert filler;
- (ii) at least one polymer chosen from polymers of following formula (I):



in which n denotes a number of amide units, such that the number of ester groups represents from 10% to 50% of the total number of ester and amide groups; R<sup>1</sup> is, in each case, independently an alkyl or alkenyl group having at least 4 carbon atoms; R<sup>2</sup> independently represents, in each case, a C<sub>4</sub> to C<sub>42</sub> hydrocarbonaceous group, provided that 50% of the R<sup>2</sup> groups represent a C<sub>30</sub> to C<sub>42</sub> hydrocarbonaceous group; R<sup>3</sup> independently represents, in each case, an organic group provided with at least 2 carbon atoms, with hydrogen atoms and optionally with one or more oxygen or nitrogen atoms; and R<sup>4</sup> independently represents, in each case, a hydrogen atom, a C<sub>1</sub> to C<sub>10</sub> alkyl group or a direct bond to R<sup>3</sup> or another R<sup>4</sup>, so that the nitrogen atom to which both R<sup>3</sup> and R<sup>4</sup> are bonded forms part of a heterocyclic structure defined by R<sup>4</sup>-N-R<sup>3</sup>, with at least 50% of the R<sup>4</sup> groups representing a hydrogen atom;

- (iii) water;
- (iv) at least one coloring agent; and
- (v) at least one preservative.

115. The method of making up eyelashes according to claim 114, wherein the at least one inert filler is chosen from at least one of kaolin and PTFE.

116. The method of making up eyelashes according to claim 114, wherein the mascara composition further comprises silica.

117. The method of making up eyelashes according to claim 114, further comprising at least one volatile solvent.

118. The method of making up eyelashes according to claim 117, wherein said at least one volatile solvent is chosen from isododecane.

119. The method of making up eyelashes according to claim 114, further comprising at least one neutralizing agent.

120. The method of making up eyelashes according to claim 114, further comprising at least one vinylpyrrolidone polymer.

121. The method of making up eyelashes according to claim 114, further comprising a liquid fatty phase structured by said at least one polymer.

122. A method of making up eyelashes comprising applying to said eyelashes a mascara composition comprising:

- (i) at least one inert filler;
- (ii) at least one polymer chosen from ethylenediamine/stearyl dimer tallate copolymer;
- (iii) water;
- (iv) at least one coloring agent; and
- (iii) at least one preservative.

123. The method of making up eyelashes according to claim 122, wherein the at least one inert filler is chosen from at least one of kaolin and PTFE

124. The method of making up eyelashes according to claim 122, wherein the mascara composition further comprises silica.

125. The method of making up eyelashes according to claim 122, further comprising at least one volatile solvent.

126. The method of making up eyelashes according to claim 125, wherein said at least one volatile solvent is chosen from isododecane.

127. The method of making up eyelashes according to claim 122, further comprising at least one neutralizing agent.

128. The method of making up eyelashes according to claim 122, further comprising at least one vinylpyrrolidone polymer.

129. The method of making up eyelashes according to claim 122, further comprising a liquid fatty phase structured by said at least one polymer.

# PENDING CLAIMS

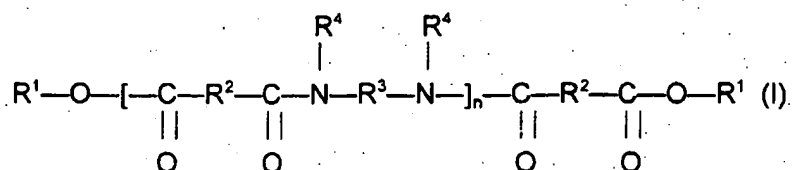
Application No. Not yet assigned (Continuation of Application No. 10/203,018

Attorney Docket No. 05725.0816-02000

Filed: February 27, 2004

114. A method of making a mascara comprising including in said mascara:

- (i) at least one inert filler;
- (ii) at least one polymer chosen from polymers of following formula (I):



in which n denotes a number of amide units, such that the number of ester groups represents from 10% to 50% of the total number of ester and amide groups; R<sup>1</sup> is, in each case, independently an alkyl or alkenyl group having at least 4 carbon atoms; R<sup>2</sup> independently represents, in each case, a C<sub>4</sub> to C<sub>42</sub> hydrocarbonaceous group, provided that 50% of the R<sup>2</sup> groups represent a C<sub>30</sub> to C<sub>42</sub> hydrocarbonaceous group; R<sup>3</sup> independently represents, in each case, an organic group provided with at least 2 carbon atoms, with hydrogen atoms and optionally with one or more oxygen or nitrogen atoms; and R<sup>4</sup> independently represents, in each case, a hydrogen atom, a C<sub>1</sub> to C<sub>10</sub> alkyl group or a direct bond to R<sup>3</sup> or another R<sup>4</sup>, so that the nitrogen atom to which both R<sup>3</sup> and R<sup>4</sup> are bonded forms part of a heterocyclic structure defined by R<sup>4</sup>-N-R<sup>3</sup>, with at least 50% of the R<sup>4</sup> groups representing a hydrogen atom;

- (iii) water;

- (iv) at least one coloring agent; and
- (ii) at least one preservative.

115. The method of making a mascara according to claim 114, wherein the at least one inert filler is chosen from at least one of kaolin and PTFE.

116. The method of making a mascara according to claim 114, further comprising including silica.

117. The method of making a mascara according to claim 114, further comprising including at least one volatile solvent.

118. The method of making a mascara according to claim 117, wherein said at least one volatile solvent is chosen from isododecane.

119. The method of making a mascara according to claim 114, further comprising including at least one neutralizing agent.

120. The method of making a mascara according to claim 114, further comprising including at least one vinylpyrrolidone polymer.

121. The method of making a mascara according to claim 114, further comprising including a liquid fatty phase structured by said at least one polymer.

122. A method of making a mascara comprising including in said mascara:

- (i) at least one inert filler;
- (ii) at least one polymer chosen from ethylenediamine/stearyl dimer tallate copolymer;
- (iii) water;
- (iv) at least one coloring agent; and
- (v) at least one preservative.

123. The method of making a mascara according to claim 122, wherein the at least one inert filler is chosen from at least one of kaolin and PTFE.

124. The method of making a mascara according to claim 122, further comprising including silica.

125. The method of making a mascara according to claim 122, further comprising including at least one volatile solvent.

126. The method of making a mascara according to claim 125, wherein said at least one volatile solvent is chosen from isododecane.

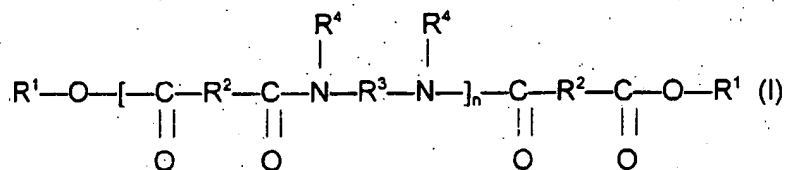
127. The method of making a mascara according to claim 122, further comprising including at least one neutralizing agent.

128. The method of making a mascara according to claim 122, further comprising including at least one vinylpyrrolidone polymer.

129. The method of making a mascara according to claim 122, further comprising including a liquid fatty phase structured by said at least one polymer.

130. A method of making a mascara comprising mixing:

- (i) at least one inert filler;
- (ii) at least one polymer chosen from polymers of following formula (I):



in which n denotes a number of amide units, such that the number of ester groups represents from 10% to 50% of the total number of ester and amide groups; R<sup>1</sup> is, in each case, independently an alkyl or alkenyl group having at least 4 carbon atoms; R<sup>2</sup> independently represents, in each case, a C<sub>4</sub> to C<sub>42</sub> hydrocarbonaceous group, provided that 50% of the R<sup>2</sup> groups represent a C<sub>30</sub> to C<sub>42</sub> hydrocarbonaceous group; R<sup>3</sup> independently represents, in each case, an organic group provided with at least 2 carbon atoms, with hydrogen atoms and optionally with one or more oxygen or nitrogen atoms; and R<sup>4</sup> independently represents, in each case, a hydrogen atom, a C<sub>1</sub> to C<sub>10</sub>



alkyl group or a direct bond to  $R^3$  or another  $R^4$ , so that the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined by  $R^4-N-R^3$ , with at least 50% of the  $R^4$  groups representing a hydrogen atom;

- (iii) water;
- (iv) at least one coloring agent; and
- (iii) at least one preservative.

131. The method of making a mascara according to claim 130, wherein the at least one inert filler is chosen from at least one of kaolin and PTFE.

132. The method of making a mascara according to claim 130, further comprising mixing silica.

133. The method of making a mascara according to claim 130, further comprising mixing at least one volatile solvent.

134. The method of making a mascara according to claim 133, wherein said at least one volatile solvent is chosen from isododecane.

135. The method of making a mascara according to claim 130, further comprising mixing at least one neutralizing agent.

136. The method of making a mascara according to claim 130, further comprising mixing at least one vinylpyrrolidone polymer.

137. The method of making a mascara according to claim 130, further comprising mixing a liquid fatty phase structured by said at least one polymer.

138. A method of making a mascara comprising mixing:

- (i) at least one inert filler;
- (ii) at least one polymer chosen from ethylenediamine/stearyl dimer tallate copolymer;
- (iii) water;
- (iv) at least one coloring agent; and
- (iv) at least one preservative.

139. The method of making a mascara according to claim 138, wherein the at least one inert filler is chosen from at least one of kaolin and PTFE.

140. The method of making a mascara according to claim 138, further comprising mixing silica.

141. The method of making a mascara according to claim 138, further comprising mixing at least one volatile solvent.

142. The method of making a mascara according to claim 141, wherein said at least one volatile solvent is chosen from isododecane.

143. The method of making a mascara according to claim 138, further comprising mixing at least one neutralizing agent.

144. The method of making a mascara according to claim 138, further comprising mixing at least one vinylpyrrolidone polymer.

145. The method of making a mascara according to claim 138, further comprising mixing a liquid fatty phase structured by said at least one polymer.



PENDING CLAIMS  
Application No. 10/203,254  
Attorney Docket No. 05725.0817-01000  
Filing or 371(c) Date: December 20, 2002

1. (Original) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one gelling agent, with the proviso that said at least one gelling agent is not silica, methyl 12-hydroxystearate, 12-hydroxy stearic acid, or stearalkonium hectorite.

2. (Original) The composition according to claim 1, wherein the composition is in a form chosen from a fluid anhydrous gel, rigid anhydrous gel, fluid simple emulsion, rigid simple emulsion, fluid multiple emulsion, and rigid multiple emulsion.

3. (Original) An anhydrous composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one gelling agent, with the proviso that said at least one gelling agent is not stearalkonium hectorite.

4. (Original) The composition according to one of claims 1 to 3, wherein said at least one structuring polymer further comprises at least one of:

at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

at least one pendant fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group.

5. (Original) The composition according to claim 4, wherein said alkyl chains and said alkenyl chains each comprise at least four carbon atoms.

6. (Original) The composition according to claim 4 or 5, wherein said alkyl chains and said alkenyl chains each comprise from 8 to 120 carbon atoms.

7. (Original) The composition according to one of claims 4 to 6, wherein said alkyl chains and said alkenyl chains each comprise from 12 to 68 carbon atoms.

8. (Original) The composition according to one of claims 4 to 7, wherein said at least one linking group is chosen from single bonds and urea, urethane, thiourea, thiourethane, thioether, thioester, ester, ether and amine groups.

9. (Original) The composition according to one of claims 4 to 8, wherein said at least one linking group is chosen from urea, ester, and amine groups.

10. (Original) The composition according to one of claims 4 to 9, wherein said at least one linking group is chosen from ester and amine groups.

11. (Original) The composition according to one of claims 4 to 10, wherein said at least one linking group is an ester group present in a proportion ranging from 15% to 40% of the total number of all ester and hetero atom groups in the at least one structuring polymer.

12. (Original) The composition according to one of claims 4 to 11, wherein said at least one linking group is an ester group present in a proportion ranging from 20% to 35% of the total number of all ester and hetero atom groups in the at least one structuring polymer.

13. (Original) The composition according to one of claims 4 to 12, wherein said at least one pendant fatty chain is linked directly to at least one of the hetero atoms of the polymer skeleton.

14. (Original) The composition according to one of claims 4 to 13, wherein said at least one terminal fatty chain is functionalized.

15. (Original) The composition according to one of claims 4 to 14, wherein said at least one pendant fatty chain is functionalized.

16. (Original) The composition according to one of claims 4 to 15, wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 40% to 98% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer.

17. (Original) The composition according to one of claims 4 to 16, wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 50% to 95% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer.

18. (Original) The composition according to one of claim 1 to 17, wherein said at least one structuring polymer has a weight-average molecular mass of less than 100,000.

19. (Original) The composition according to one of claims 1 to 18, wherein said at least one structuring polymer has a weight-average molecular mass of less than 50,000.

20. (Original) The composition according to one of claims 1 to 19, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 30,000.

21. (Original) The composition according to one of claims 1 to 20, wherein said at least one hydrocarbon-based repeating unit comprises from 2 to 80 carbon atoms.

22. (Original) The composition according to one of claims 1 to 21, wherein said at least one hetero atom of said at least one hydrocarbon-based repeating unit is chosen from nitrogen, sulphur, and phosphorus.

23. (Original) The composition according to claim 22, wherein said at least one hetero atom is a nitrogen atom.

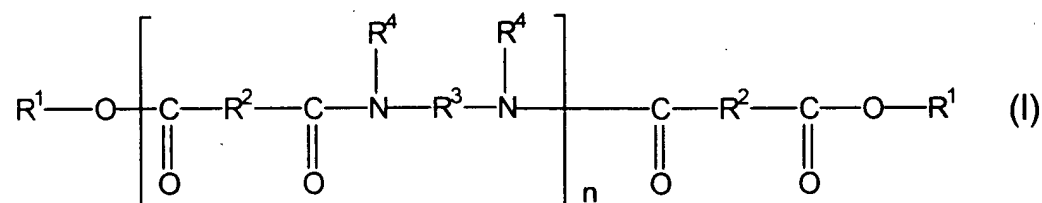
24. (Original) The composition according to one of claims 1 to 23, wherein said at least one hetero atom is combined with at least one atom chosen from oxygen and carbon to form a hetero atom group.

25. (Original) The composition according to claim 24, wherein said at least one hetero atom group is chosen from amide groups, carbamate groups, and urea groups.

26. (Original) The composition according to claim 24 or 25, wherein said at least one hetero atom group is an amide group and said polymer skeleton is a polyamide skeleton.

27. (Original) The composition according to claim 24 or 25, wherein said at least one hetero atom group is chosen from carbamate groups and urea groups and said polymer skeleton is chosen from a polyurethane skeleton, a polyurea skeleton and a polyurethane-polyurea skeleton.

28. (Original) The composition according to one of claims 1 to 26, wherein said at least one structuring polymer is chosen from polyamide polymers of formula (I):



in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;
  - R<sup>1</sup>, which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;
  - R<sup>2</sup>, which are identical or different, are each chosen from C<sub>4</sub> to C<sub>42</sub> hydrocarbon-based groups with the proviso that at least 50% of all R<sup>2</sup> are chosen from C<sub>30</sub> to C<sub>42</sub> hydrocarbon-based groups;
  - R<sup>3</sup>, which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms with the proviso that R<sup>3</sup> comprises at least 2 carbon atoms;
- and



-  $R^4$ , which are identical or different, are each chosen from hydrogen atoms,  $C_1$  to  $C_{10}$  alkyl groups and a direct bond to at least one group chosen from  $R^3$  and another  $R^4$  such that when said at least one group is chosen from another  $R^4$ , the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined in part by  $R^4-N-R^3$ , with the proviso that at least 50% of all  $R^4$  are chosen from hydrogen atoms.

29. (Original) The composition according to claim 28, wherein in said formula (I),  $n$  is an integer ranging from 1 to 5.

30. (Original) The composition according to claim 28 or 29, wherein in said formula (I), said alkyl groups of  $R^1$  and said alkenyl groups of  $R^1$  each independently comprise from 4 to 24 carbon atoms.

31. (Original) The composition according to one of claims 28 to 30, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{12}$  to  $C_{22}$  alkyl groups.

32. (Original) The composition according to one of claims 28 to 31, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{16}$  to  $C_{22}$  alkyl groups.

33. (Original) The composition according to one of claims 28 to 32, wherein in said formula (I),  $R^2$ , which are identical or different, are each chosen from  $C_{10}$  to  $C_{42}$  hydrocarbon based groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

34. (Original) The composition according to one of claims 28 to 33, wherein in said formula (I),  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{36}$  hydrocarbon-based groups and polyoxyalkylene groups.

35. (Original) The composition according to one of claims 28 to 34, wherein  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{12}$  hydrocarbon-based groups.

36. (Original) The composition according to one of claims 28 to 35, wherein in said formula (I),  $R^4$ , which can be identical or different, are each chosen from hydrogen atoms.

37. (Original) The composition according to one of claims 28 to 36, wherein said at least one polymer of formula (I) is in the form of a mixture of polymers, wherein said mixture optionally also comprises a compound of formula (I) wherein n is equal to zero.

38. (Original) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer, wherein said at least one structuring polymer is at least one polyamide polymer comprising:

a polymer skeleton which comprises at least one amide repeating unit;  
and

(ii) at least one gelling agent, with the proviso that said at least one gelling agent is not silica, methyl 12-hydroxystearate, 12-hydroxy stearic acid, or stearylalkonium hectorite.

39. (Original) The composition according to claim 38, wherein said at least one polyamide polymer further comprises at least one of:

at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

at least one pendant fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group.

40. (Original) The composition according to claim 39, wherein said alkyl chains and said alkenyl chains each comprise at least four carbon atoms.

41. (Original) The composition according to claim 39 or 40, wherein said alkyl chains and said alkenyl chains each comprise from 8 to 120 carbon atoms.

42. (Original) The composition according to one of claims 39 to 41, wherein said alkyl chains and said alkenyl chains each comprise from 12 to 68 carbon atoms.

43. (Original) The composition according to one of claims 39 to 42, wherein said at least one linking group is chosen from single bonds and urea,

urethane, thiourea, thiourethane, thioether, thioester, ester, ether and amine groups.

44. (Original) The composition according to one of claims 39 to 43, wherein said at least one linking group is chosen from urea, ester, and amine groups.

45. (Original) The composition according to one of claims 39 to 44, wherein said at least one linking group is chosen from ester and amine groups.

46. (Original) The composition according to one of claims 39 to 45, wherein said at least one linking group is an ester group present in a proportion ranging from 15% to 40% of the total number of all ester and amide groups in the at least one polyamide polymer.

47. (Original) The composition according to one of claims 39 to 46, wherein said at least one linking group is an ester group present in a proportion ranging from 20% to 35% of the total number of all ester and amide groups in the at least one polyamide polymer.

48. (Original) The composition according to one of claims 39 to 47, wherein said at least one pendant fatty chain is linked directly to at least one of the nitrogen atoms in the at least one repeating unit of the polymer skeleton.

49. (Original) The composition according to claim 39, wherein said at least one terminal fatty chain is linked to said polymer skeleton via at least one ester group.

50. (Original) The composition according to one of claims 39 to 49, wherein said at least one terminal fatty chain is functionalized.

51. (Original) The composition according to one of claims 39 to 50, wherein said at least one pendant fatty chain is functionalized.

52. (Original) The composition according to one of claims 39 to 51, wherein in said at least one polyamide polymer, the percentage of the total number of fatty chains ranges from 40% to 98% relative to the total number of all amide units and fatty chains in the at least one polyamide polymer.

53. (Original) The composition according to one of claims 39 to 52, wherein in said at least one polyamide polymer, the percentage of the total

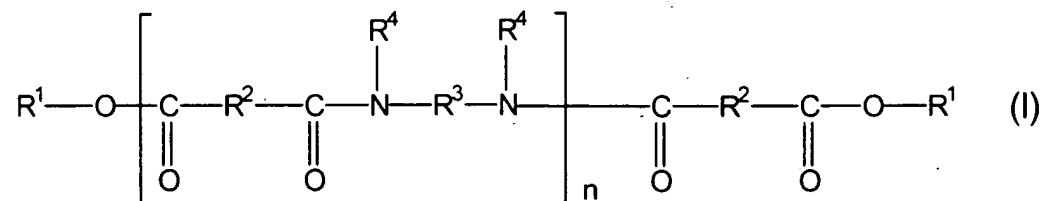
number of fatty chains ranges from 50% to 95% relative to the total number of all amide units and fatty chains in the at least one polyamide polymer.

54. (Original) The composition according to one of claims 39 to 53, wherein said at least one polyamide polymer has a weight-average molecular mass of less than 100,000.

55. (Original) The composition according to one of claims 39 to 54, wherein said at least one polyamide polymer has a weight-average molecular mass of less than 50,000.

56. (Original) The composition according to one of claims 39 to 55, wherein said at least one polyamide polymer has a weight-average molecular mass ranging from 1000 to 30,000.

57. (Original) The composition according to one of claims 39 to 56, wherein said at least one polyamide polymer is chosen from polyamide polymers of formula (I):



in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;
- R<sup>1</sup>, which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;
- R<sup>2</sup>, which are identical or different, are each chosen from C<sub>4</sub> to C<sub>42</sub> hydrocarbon-based groups with the proviso that at least 50% of all R<sup>2</sup> are chosen from C<sub>30</sub> to C<sub>42</sub> hydrocarbon-based groups;

-  $R^3$ , which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms with the proviso that  $R^3$  comprises at least 2 carbon atoms; and

-  $R^4$ , which are identical or different, are each chosen from hydrogen atoms,  $C_1$  to  $C_{10}$  alkyl groups and a direct bond to at least one group chosen from  $R^3$  and another  $R^4$  such that when said at least one group is chosen from another  $R^4$ , the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined in part by  $R^4-N-R^3$ , with the proviso that at least 50% of all  $R^4$  are chosen from hydrogen atoms.

58. (Original) The composition according to claim 57, wherein in said formula (I),  $n$  is an integer ranging from 1 to 5.

59. (Original) The composition according to claim 57 or 58, wherein in said formula (I), said alkyl groups of  $R^1$  and said alkenyl groups of  $R^1$  each independently comprise from 4 to 24 carbon atoms.

60. (Original) The composition according to one of claims 57 to 59, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{12}$  to  $C_{22}$  alkyl groups.

61. (Original) The composition according to one of claims 57 to 60, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{16}$  to  $C_{22}$  alkyl groups.

62. (Original) The composition according to one of claims 57 to 61, wherein in said formula (I),  $R^2$ , which are identical or different, are each chosen from  $C_{10}$  to  $C_{42}$  hydrocarbon based groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

63. (Original) The composition according to one of claims 57 to 62, wherein in said formula (I),  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{36}$  hydrocarbon-based groups and polyoxyalkylene groups.

64. (Original) The composition according to one of claims 57 to 63, wherein  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{12}$  hydrocarbon-based groups.

65. (Original) The composition according to one of claims 57 to 64, wherein in said formula (I),  $R^4$ , which can be identical or different, are each chosen from hydrogen atoms.

66. (Original) The composition according to one of claims 57 to 65, wherein said at least one polymer of formula (I) is in the form of a mixture of polymers, wherein said mixture optionally also comprises a compound of formula (I) wherein n is equal to zero.

67. (Original) The composition according to one of claims 58 to 66, wherein said at least one polyamide polymer is chosen from polymers resulting from at least one polycondensation reaction between at least one acid chosen from dicarboxylic acids comprising at least 32 carbon atoms and at least one amine chosen from diamines comprising at least 2 carbon atoms and triamines comprising at least 2 carbon atoms.

68. (Original) The composition according to claim 67, wherein said dicarboxylic acids comprise from 32 to 44 carbon atoms and said at least one amine comprises from 2 to 36 carbon atoms.

69. (Original) The composition according to one of claims 67 to 68, wherein said dicarboxylic acids are chosen from dimers of fatty acids chosen from oleic acid, linoleic acid and linolenic acid.

70. (Original) The composition according to one of claims 67 to 69, wherein said at least one amine is chosen from diamines comprising ethylenediamine, hexylenediamine, hexamethylenediamine, and phenylenediamine and from triamines comprising ethylenetriamine.

71. (Original) The composition according to one of claims 38 to 70, wherein said at least one polyamide polymer is chosen from polymers comprising at least one terminal carboxylic acid group.

72. (Original) The composition according to claim 71, wherein said at least one terminal carboxylic acid group is esterified with at least one alcohol chosen from monoalcohols comprising at least 4 carbon atoms.

73. (Original) The composition according to one of claim 1 to 72, wherein said at least one polyamide polymer has a softening point greater than 50°C.

74. (Original) The composition according to one of claims 1 to 73, wherein said at least one polyamide polymer has a softening point is less than 150°C.

75. (Original) The composition according to one of claims 1 to 74, wherein said at least one polyamide polymer has a softening point ranging from 70°C to 130°C.

76. (Original) The composition according to one of claims 1 to 75, wherein said at least one polyamide polymer is present in the composition in an amount ranging from 0.5% to 80% by weight relative to the total weight of the composition.

77. (Original) The composition according to one of claims 1 to 76, wherein said at least one polyamide polymer is present in the composition in an amount ranging from 2% to 60% by weight relative to the total weight of the composition.

78. (Original) The composition according to one of claims 1 to 77, wherein said composition has a hardness ranging from 30 to 300 gf.

79. (Original) The composition according to one of claims 1 to 78, wherein said composition has a hardness ranging from 30 to 250 gf.

80. (Original) The composition according to one of claims 1 to 79, wherein said at least one liquid fatty phase of the composition comprises at least one oil chosen from at least one polar oil and at least one apolar oil having an affinity with the least one structuring polymer.

81. (Original) The composition according to claim 80, wherein said at least one polar oil is chosen from:

- hydrocarbon-based plant oils with a high content of triglycerides comprising fatty acid esters of glycerol in which the fatty acids comprise chains having from 4 to 24 carbon atoms, said chains optionally being chosen from linear and branched, and saturated and unsaturated chains;

- synthetic oils or esters of formula  $R_5COOR_6$  in which  $R_5$  is chosen from linear and branched fatty acid residues comprising from 1 to 40 carbon atoms and  $R_6$  is chosen from hydrocarbon-based chain containing from 1 to 40 carbon atoms, with the proviso that  $R_5 + R_6 \geq 10$ ;
- synthetic ethers containing from 10 to 40 carbon atoms;
- $C_8$  to  $C_{26}$  fatty alcohols; and
- $C_8$  to  $C_{26}$  fatty acids.

82. (Original) The composition according to claim 80, wherein said at least one apolar oil is chosen from:

- silicone oils chosen from volatile and non-volatile, linear and cyclic polydimethylsiloxanes that are liquid at room temperature;
- polydimethylsiloxanes comprising alkyl or alkoxy groups which are pendant and/or at the end of the silicone chain, the groups each containing from 2 to 24 carbon atoms;
- phenylsilicones; and
- hydrocarbons chosen from linear and branched, volatile and non-volatile hydrocarbons of synthetic and mineral origin.

83. (Original) The composition according to one of claims 1 to 82, wherein said at least one liquid fatty phase comprises at least one non-volatile oil.

84. (Original) The composition according to one of claims 1 to 83, wherein said at least one liquid fatty phase is present in an amount ranging from 1% to 99% by weight relative to the total weight of the composition.

85. (Original) The composition according to one of claims 1 to 84, wherein said at least one liquid fatty phase is present in an amount ranging from 10% to 80% by weight relative to the total weight of the composition.

86. (Original) The composition according to one of claims 1 to 85, wherein said at least one liquid fatty phase comprises at least one volatile solvent chosen from hydrocarbon-based solvents and silicone solvents optionally comprising alkyl or alkoxy groups that are pendant or at the end of a silicone chain.



87. (Original) The composition according to one of claims 1 to 86, wherein said at least one gelling agent is chosen from gelling agents in polymeric form and gelling agents in mineral form.

88. (Original) The composition according to one of claims 1 to 87, wherein the at least one gelling agent is chosen from optionally modified clays, partially and totally crosslinked elastomeric polyorganosiloxanes, galactomannans comprising from 1 to 6 hydroxyl groups per saccharide, substituted with a saturated or unsaturated alkyl chain, ethylcellulose, silicone gums and block copolymers.

89. (Original) The composition according to claim 88, wherein said galactomannans comprise from 2 to 4 hydroxyl groups per saccharide.

90. (Original) The composition according to one of claims 1 to 89, wherein said at least one gelling agent is in mineral form with particle sizes that cause little or no light scattering.

91. (Original) The composition according to claim 90, wherein said at least one gelling agent is fumed silica.

92. (Original) The composition according to one of claims 1 to 91, wherein said at least one gelling agent is present in an amount ranging from 0.05% to 35% by weight relative to the total weight of the composition.

93. (Original) The composition according to one of claims 1 to 92, wherein said at least one gelling agent is present in an amount ranging from 0.5 % to 20 % by weight relative to the total of the composition.

94. (Original) The composition according to one of claims 1 to 92, further comprising at least one amphiphilic compound that is liquid and non-volatile at room temperature and has a hydrophilic/lipophilic balance of less than 12.

95. (Original) The composition according to claim 93, wherein said hydrophilic/lipophilic balance value ranges from 1 to 8.

96. (Original) The composition according to claim 94 or 95, wherein said at least one amphiphilic compound comprises a lipophilic part linked to a

polar part, the lipophilic part comprising a carbon-based chain comprising at least 8 carbon atoms.

97. (Original) The composition according to one of claims 94 to 96, wherein said at least one amphiphilic compound is present in an amount ranging from 0.1% to 35% by weight relative to the total weight of the composition.

98. (Original) The composition according to one of claims 94 to 97, wherein said at least one amphiphilic compound is present in an amount ranging from 1% to 20% by weight relative to the total weight of the composition.

99. (Original) The composition according to one of claims 1 to 98, further comprising at least one additional additive chosen from antioxidants, essential oils, preserving agents, fragrances, fillers, waxes, fatty compounds that are pasty at room temperature, neutralizing agents, gums, liposoluble polymers and polymers that are dispersible in a lipophilic medium, cosmetic and dermatological active agents, dispersants, and an aqueous phase containing water that is optionally thickened or gelled with an aqueous-phase thickener or gelling agent and optionally water-miscible compounds.

100. (Original) The composition according to one of claims 1 to 99, further comprising at least one coloring agent.

101. (Original) The composition according to one of claims 1 to 100, wherein said at least one coloring agent is chosen from lipophilic dyes, hydrophilic dyes, pigments and nacles.

102. (Original) The composition according to one of claims 100 to 101, wherein said at least one coloring agent is present in a proportion of from 0.01% to 50% relative to the total weight of the composition.

103. (Original) The composition according to one of claims 1 to 102, wherein said composition is a solid.

104. (Original) The composition according to one of claims 1 to 103, wherein said composition is a solid chosen from molded and poured sticks.

105. (Original) The composition according to one of claims 1 to 104, wherein said composition is in the form of a rigid gel.

106. (Original) The composition according to one of claims 1 to 105, wherein said composition further comprises at least one wax.

107. (Original) The composition according to claim 106, wherein said at least one wax is chosen from beeswax, carnauba wax, candelilla wax, ouricury wax, Japan wax, cork fibre wax, sugar cane wax, paraffin wax, lignite wax, microcrystalline waxes, lanolin wax, montan wax, ozokerites and hydrogenated oils, polyethylene waxes, waxes obtained by Fischer-Tropsch synthesis, fatty acid esters and glycerides that are solid at 40°C, and silicone waxes.

108. (Original) The composition according to one of claims 1 to 107, wherein said composition is in the form of an anhydrous stick.

109. (Original) A mascara, an eyeliner, a foundation, a lipstick, a blusher, a make-up-removing product, a make-up product for the body, an eyeshadow, a face powder, a concealer product, a shampoo, a conditioner, an antisen product or a care product for the skin, lips, or hair comprising a composition comprising at least one liquid fatty phase in said mascara, eyeliner, foundation, blusher, lipstick, make-up-removing product, make-up product for the body, eyeshadow, face powder, concealer product, shampoo, conditioner, antisen product or care product for the skin, lips, or hair which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one gelling agent.

110. (Original) A deodorant product or a care product for the skin or body comprising an anhydrous composition comprising at least one liquid fatty phase in said product which comprises :

(i) at least one structuring polymer comprising

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one gelling agent, wherein said gelling agent is not silica, methyl 12-hydroxystearate, or 12-hydroxy stearic acid.

111. (Original) A care and/or treatment and/or make-up composition for

keratinous fibers, lips or skin comprising at least one liquid fatty phase in said care and/or treatment and/or make-up composition for keratinous fibers, lips or skin which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one gelling agent.

112. (Original) A care and/or treatment and/or make-up composition for keratin materials comprising a composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one gelling agent, wherein said at least one gelling agent is not stearalkonium hectorite.

113. (Original) A lipstick composition in stick form comprising at least one continuous liquid fatty phase, at least one gelling agent and at least one non-waxy structuring polymer having a weight-average molecular mass of less than 100 000, said continuous liquid fatty phase, said at least one gelling agent and said at least one non-waxy structuring polymer being present in said lipstick composition.

114. (Original) A method for care, make-up or treatment of keratin materials comprising applying to said keratin materials a composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one gelling agent, wherein said at least one gelling agent is not stearalkonium hectorite.

115. (Original) A method for care, make-up or treatment of keratinous fibers, lips, or skin comprising applying to said keratinous fibers, lips, or skin a composition comprising at least one liquid fatty phase which comprises :

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one gelling agent.

116. (Original) A method for providing an anhydrous composition having at least one property chosen from non-exudation, gloss, and comfortable deposit on keratin materials chosen from lips, skin, and keratinous fibers, comprising including in said composition at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one gelling agent.

117. (Original) A structured composition comprising at least one liquid fatty phase structured with at least one structuring polymer comprising a polymer skeleton comprising at least one hydrocarbon-based repeating unit comprising at least one hetero atom, wherein the at least one structuring polymer further comprises at least one chain chosen from :

(i) terminal fatty chains, optionally functionalized, chosen from alkyl and alkenyl chains, bonded to the polymer skeleton via at least one linking group chosen from amides, ureas, and esters, and

(ii) pendant fatty chains, optionally functionalized, chosen from alkyl and alkenyl chains, bonded to the polymer skeleton via at least one linking group chosen from amides, ureas, and esters,

wherein when said at least one linking group is chosen from esters, said at least one terminal fatty chain is chosen from branched alkyl groups, and further comprising at least one gelling agent.

118. (Original) A make up or care or treatment composition for the skin, the lips, or keratinous fibers comprising a structured composition comprising at

least one liquid fatty phase structured with at least one structuring polymer comprising a polymer skeleton comprising at least one hydrocarbon-based repeating unit comprising at least one hetero atom, at least one gelling agent, and at least one coloring agent.

119. (Original) A method of making up or caring for skin, lips, or keratinous fibers comprising applying to said skin, lips, or keratinous fibers a structured composition comprising at least one liquid fatty phase structured with at least one structuring polymer comprising a polymer skeleton comprising at least one hydrocarbon-based repeating unit comprising at least one hetero atom and at least one gelling agent.

120. (Original) A composition comprising at least one liquid fatty phase which comprises :

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least three hydrocarbon-based repeating units comprising at least one hetero atom; and

(ii) at least one gelling agent, wherein said gelling agent is not silica, methyl 12-hydroxystearate, or 12-hydroxy stearic acid.

121. (Original) A composition according to claim 120, wherein said at least three hydrocarbon-based repeating units are identical.

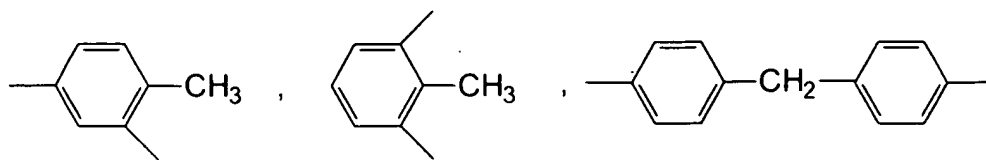
122. (Original) A composition comprising at least one liquid fatty phase which comprises :

(i) at least one structuring polymer chosen from urea urethanes having the following formula:



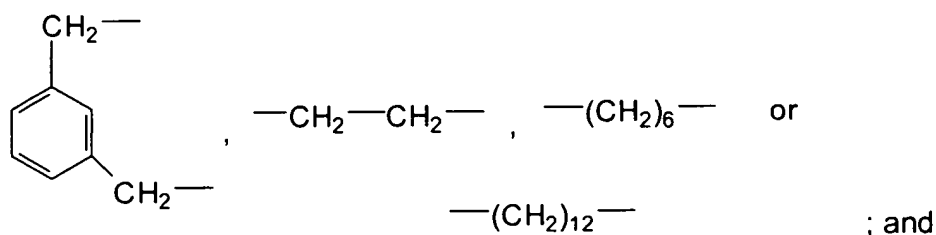
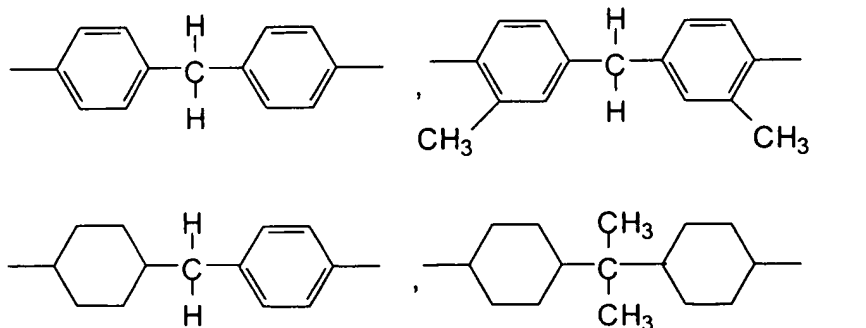
wherein R represents  $C_nH_{2n+1}-$ , wherein n represents an integer having a value greater than 22 or  $C_mH_{2m+1}(OC_pH_{2p})_r-$ , wherein m represents an integer having a value of greater than 18, p represents an integer having a value of from 2 to 4, and r represents an integer having a value of from 1 to 10.

R' represents:



or  $-(CH_2)_6-$

and R'' represents:



; and

(ii) at least one gelling agent

123. (Original) The composition according to one of claims 4 to 26, wherein said at least one terminal fatty chain is linked to the polymer skeleton via at least one ester group.

124. (Original) A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising :

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and at least one of:

- at least one terminal fatty chain, optionally functionalized, chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

- at least one pendant fatty chain, optionally functionalized, chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group; and

(ii) at least one gelling agent.



Pending Claims  
Application No. 10/129,377  
Attorney Docket No. 05725.0819-01  
Filed: May 3, 2002

1. An anhydrous composition comprising at least one liquid fatty phase which comprises:
  - (i) at least one structuring polymer comprising :  
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and
  - (ii) at least one organogelator.
2. A composition comprising at least one liquid fatty phase which comprises:
  - (i) at least one structuring polymer comprising :  
a polymer skeleton which comprises at least three hydrocarbon-based repeating units comprising at least one hetero atom; and
  - (ii) at least one organogelator.
3. A structured composition comprising at least one liquid fatty phase which comprises :
  - (i) at least one structuring polymer comprising :  
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and
  - (ii) at least one organogelator, wherein said organogelator is not methyl-12-hydroxystearate.
4. The composition according to claim 2 or 3, wherein the composition is in a form chosen from a fluid anhydrous gel, rigid anhydrous gel, fluid simple emulsion, rigid simple emulsion, fluid multiple emulsion, and rigid multiple emulsion.
5. The composition according to one of claims 1 to 4, wherein said at least one structuring polymer further comprises at least one of :
  - at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and
  - at least one pendant fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group.
6. The composition according to claim 5, wherein said alkyl chains and said alkenyl chains each comprise at least four carbon atoms.
7. The composition according to one of claims 5 to 6, wherein said alkyl chains and said alkenyl chains each comprise from 8 to 120 carbon atoms.

8. The composition according to one of claims 5 to 7, wherein said alkyl chains and said alkenyl chains each comprise from 12 to 68 carbon atoms.
9. The composition according to one of claims 5 to 8, wherein said at least one linking group is chosen from single bonds and urea, urethane, thiourea, thiourethane, thioether, thioester, ester, ether and amine groups.
10. The composition according to one of claims 5 to 9, wherein said at least one linking group is chosen from urea, ester, and amine groups.
11. The composition according to one of claims 5 to 10, wherein said at least one linking group is chosen from ester and amine groups.
12. The composition according to one of claims 5 to 11, wherein said at least one linking group is an ester group present in a proportion ranging from 15% to 40% of the total number of all ester and hetero atom groups in the at least one structuring polymer.
13. The anhydrous composition according to one of claims 5 to 12, wherein said at least one linking group is an ester group present in a proportion ranging from 20% to 35% of the total number of all ester and hetero atom groups in the at least one structuring polymer.
14. The composition according to one of claims 5 to 13, wherein said at least one terminal fatty chain is functionalized.
15. The composition according to one of claims 5 to 14, wherein said at least one pendant fatty chain is functionalized.
16. The composition according to one of claims 5 to 15, wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 40% to 98% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer.
17. The composition according to one of claims 5 to 16, wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 50% to 95% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer.
18. The composition according to one of claims 1 to 17, wherein said at least one structuring polymer has a weight-average molecular mass of less than 100,000.
19. The composition according to one of claims 1 to 18, wherein said at least one structuring polymer has a weight-average molecular mass of less than 50,000.

20. The composition according to one of claims 1 to 19, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 30,000.

21. The composition according to one of claims 1 to 20, wherein said at least one hydrocarbon based repeating unit comprises from 2 to 80 carbon atoms.

22. The composition according to one of claims 1 to 21, wherein said at least one hetero atom of said at least one hydrocarbon-based repeating unit is chosen from nitrogen, sulphur, and phosphorus.

23. The composition according to claim 22, wherein said at least one hetero atom is a nitrogen atom.

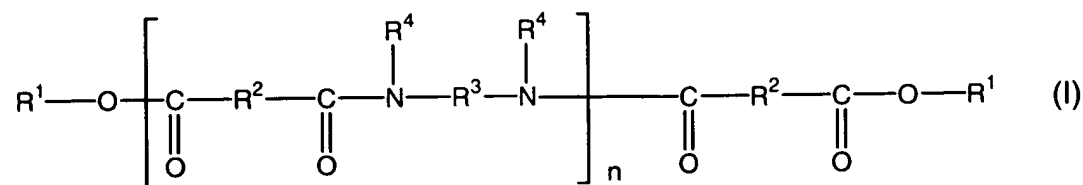
24. The composition according to one of claims 1 to 23, wherein said at least one hetero atom is combined with at least one atom chosen from oxygen and carbon to form a hetero atom group.

25. The composition according to claim 24, wherein said at least one hetero atom group is chosen from amide groups, carbamate groups, and urea groups.

26. The composition according to claim 24 or 25, wherein said at least one hetero atom group is an amide group and said polymer skeleton is a polyamide skeleton.

27. The composition according to claim 24 or 25, wherein said at least one hetero atom group is chosen from carbamate groups and urea groups and said polymer skeleton is chosen from polyurethane skeletons, polyurea skeletons, and polyurethane-polyurea skeletons.

28. The composition according to one of claims 1 to 26, wherein said at least one structuring polymer is chosen from polyamide polymers of formula (I):



in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;

- $R^1$ , which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;
- $R^2$ , which are identical or different, are each chosen from  $C_4$  to  $C_{42}$  hydrocarbon-based groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon-based groups;
- $R^3$ , which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms with the proviso that  $R^3$  comprises at least 2 carbon atoms; and
- $R^4$ , which are identical or different, are each chosen from hydrogen atoms,  $C_1$  to  $C_{10}$  alkyl groups and a direct bond to at least one group chosen from  $R^3$  and another  $R^4$  such that when said at least one group is chosen from another  $R^4$ , the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined in part by  $R^4-N-R^3$ , with the proviso that at least 50% of all  $R^4$  are chosen from hydrogen atoms.

29. The composition according to claim 28, wherein in said formula (I),  $n$  is an integer ranging from 1 to 5.

30. The composition according to claim 28 or 29, wherein in said formula (I), said alkyl groups of  $R^1$  and said alkenyl groups of  $R^1$  each independently comprise from 4 to 24 carbon atoms.

31. The composition according to one of claims 28 to 30, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{12}$  to  $C_{22}$  alkyl groups.

32. The composition according to one of claims 28 to 31, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{16}$  to  $C_{22}$  alkyl groups.

33. The anhydrous composition according to one of claims 28 to 32, wherein in said formula (I),  $R^2$ , which are identical or different, are each chosen from  $C_{10}$  to  $C_{42}$  hydrocarbon based groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

34. The composition according to one of claims 28 to 33, wherein in said formula (I),  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{36}$  hydrocarbon-based groups and polyoxyalkylene groups.

35. The composition according to one of claims 28 to 34, wherein  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{12}$  hydrocarbon-based groups.

36. The composition according to one of claims 28 to 35, wherein in said formula (I),  $R^4$ , which can be identical or different, are each chosen from hydrogen atoms.

37. The composition according to one of claims 28 to 36, wherein said at least one polymer of formula (I) is in the form of a mixture of polymers, wherein said mixture optionally also comprises a compound of formula (I) wherein  $n$  is equal to zero.

38. The composition according to one of claims 1 to 37, wherein said at least one structuring polymer has a softening point greater than 50°C.

39. The composition according to one of claims 1 to 38, wherein said at least one structuring polymer has a softening point less than 150°C.

40. The composition according to one of claims 1 to 39, wherein said at least one structuring polymer has a softening point ranging from 70°C to 130°C.

41. The composition according to one of claims 1 to 40, wherein said at least one structuring polymer is present in the composition in an amount ranging from 0.5% to 80% by weight relative to the total weight of the composition.

42. The composition according to one of claims 1 to 41, wherein said at least one structuring polymer is present in the composition in an amount ranging from 2% to 60% by weight relative to the total weight of the composition.

43. The composition according to one of claims 1 to 42, wherein said composition has a hardness ranging from 30 to 300 gf (294 N to 2 940 N).

44. The composition according to one of claims 1 to 43, wherein said composition has a hardness ranging from 30 to 250 gf (294 N to 2 450 N).

45. The composition according to one of claims 1 to 44, wherein said at least one liquid fatty phase of the composition further comprises at least one oil which is chosen from at least one polar oil and at least one apolar oil having an affinity with said at least one structuring polymer and/or with said at least one organogelator.

46. The composition according to claim 45, wherein said at least one polar oil is chosen from :

- hydrocarbon-based plant oils with a high content of triglycerides comprising fatty acid esters of glycerol in which the fatty acids comprise chains having from 4 to 24 carbon atoms, said chains possibly being chosen from linear and branched, and saturated and unsaturated chains;
- synthetic oils or esters of formula  $R_5COOR_6$  in which  $R_5$  is chosen from linear and branched fatty acid residues comprising from 1 to 40 carbon atoms and  $R_6$  is

chosen from hydrocarbon based chain containing from 1 to 40 carbon atoms with the proviso that  $R_5 + R_6 \geq 10$ ;

- synthetic ethers comprising from 10 to 40 carbon atoms;
- $C_8$  to  $C_{26}$  fatty alcohols; and
- $C_8$  to  $C_{26}$  fatty acids.

47. The composition according to claim 45, wherein said at least one apolar oil is chosen from:

- silicone oils chosen from volatile and non-volatile, linear and cyclic polydimethylsiloxanes that are liquid at room temperature;
- polydimethylsiloxanes comprising alkyl or alkoxy groups which are pendant and/or at the end of the silicone chain, the groups each comprising from 2 to 24 carbon atoms;
- phenylsilicones; and
- hydrocarbons chosen from linear and branched, volatile and non-volatile hydrocarbons of synthetic and mineral origin.

48. The composition according to one of claims 1 to 47, wherein said at least one liquid fatty phase further comprises at least one non-volatile oil.

49. The composition according to one of claims 1 to 48, wherein said at least one non-volatile oil is chosen from hydrocarbon-based oils of mineral, plant and synthetic origin, synthetic esters and ethers, and silicone oils.

50. The composition according to one of claims 1 to 49, wherein said at least one liquid fatty phase is present in an amount ranging from 1% to 99% by weight relative to the total weight of the composition.

51. The composition according to one of claims 1 to 50, wherein said at least one liquid fatty phase is present in an amount ranging from 10% to 80% by weight relative to the total weight of the composition.

52. The composition according to one of claims 1 to 51, wherein said at least one liquid fatty phase comprises at least one volatile solvent chosen from hydrocarbon-based solvents and silicone solvents optionally comprising at least one group chosen from alkyl and alkoxy groups that are pendant and/or at the end of a silicone chain.

53. The composition according to one of claims 1 to 52, wherein said composition further comprises at least one additional fatty material is chosen from gums, fatty materials pasty at ambient temperature, and resins.

54. The composition according to one of claims 1 to 53, wherein said at least one organogelator is chosen from non-polymeric organic compounds whose molecules are capable of establishing, between themselves, at least one physical

1.  
interaction leading to a self-aggregation of said molecules with formation of a macromolecular 3-dimensional network.

55. The composition according to claim 54, wherein said at least one physical interaction is chosen from self-complementary hydrogen interactions, interactions between unsaturated rings, dipolar interactions, and coordination bonding with organometallic derivatives.

56. The composition according to one of claims 1 to 55, wherein said at least one organogelator is chosen from compounds whose molecules comprise at least one entity chosen from at least one group capable of establishing hydrogen bonding; at least one aromatic ring; at least one bond comprising ethylenic unsaturation; and at least one asymmetric carbon.

57. The composition according to one of claims 1 to 56, wherein said at least one organogelator is a compound whose molecules comprise at least two groups capable of establishing hydrogen bonding.

58. The composition according to claim 57, wherein said at least one group capable of establishing hydrogen bonding is chosen from hydroxyl, carbonyl, amine, carboxylic acid, amide and benzyl groups.

59. The composition according to one of claims 1 to 58, wherein said at least one organogelator is chosen from :

- hydroxylated carboxylic fatty acids comprising a chain chosen from linear and branched aliphatic carbon chains and salts thereof chosen from alkali metal and alkaline earth metal salts and esters thereof;
- carboxylic acid amides;
- amino acid amides and esters;
- N-acylamino acid amides;
- diamides having hydrocarbon-based chains, each containing from 1 to 22 carbon atoms, optionally substituted with at least one substituent chosen from ester, urea and fluoro groups;
- steroid amines and amides and salts thereof;
- compounds comprising several aromatic rings;
- azobenzene steroids;
- organometallic compounds;
- surfactants in salt form comprising at least two chains chosen from linear and branched alkyl chains;
- benzylidene sorbitols and alditols and derivatives thereof;
- cyclodipeptides which are cyclic condensates of two amino acids;
- cyclic compounds and alkylene compounds comprising two urea or urethane groups;
- alkylaryl cyclohexanol derivatives;
- callixarenes;

- associations of 2,4,6-tri-aminopyrimidine substituted by an alkyl chain and dialkyl barbituric acid,
- gluconamides derivatives,
- bis oxalyl amides of aminoacides,
- amide and urea derivatives of lysine ester,
- derivatives from benzene diamides of dicarboxylic acid,
- monoalkyloxamides,
- bola-amphiphile with 1-glucosamide head,
- bola-amphiphile amide derivatives,
- alkyl-2-amonium-2-isobutylacetate p-toluene sulfonate
- cellobiose fatty esters
- diamides with terminal hydrocarbon-based chain having 6 to 60 carbon atoms.

60. The composition according to claim 59, wherein in said hydroxylated carboxylic fatty acids, said chain comprises a carbon chain having at least 8 carbon atoms.

61. The composition according to claim 59, wherein said carboxylic acid amides are chosen from tricarboxylic acid amides.

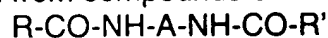
62. The composition according to claim 61, wherein said tricarboxylic acid amides are chosen from cyclohexanetricarboxamides.

63. The composition according to claim 59, wherein said N-acylamino acid amides are chosen from diamides resulting from the action of an N-acylamino acid with an amine comprising from 1 to 22 carbon atoms.

64. The composition according to claim 59, wherein said hydrocarbon-based chains of said diamides having hydrocarbon-based chains comprising from 1 to 22 carbon atoms contain from 6 to 18 carbon atoms.

65. The composition according to claims one of 1 to 59, wherein said at least one organogelator is chosen from N-acylamino acid amides, cyclohexane tricarboxamides and diamines having hydrocarbon-based chains, each chain containing from 1 to 22 carbon atoms, optionally substituted with at least one substituent chosen from ester, urea and fluoro groups;

66. The composition according to one of claims 1 to 59, wherein said at least one organogelator is chosen from compounds of formula (II) below:



in which:

- R and R', which may be identical or different, are each chosen from a hydrogen atom and hydrocarbon-based chains chosen from saturated linear, saturated branched, saturated cyclic, unsaturated linear, unsaturated branched and unsaturated cyclic hydrocarbon-based chains comprising from 1 to 22 carbon atoms, said hydrocarbon-based chains being optionally substituted with at least



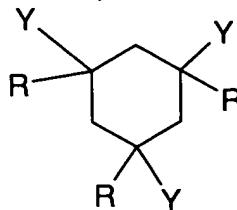
one group chosen from an aryl  $-C_6H_5$ , an ester  $-COOR''$ , an amide  $-CONHR''$ , a urethane  $-OCONHR''$  and a urea  $-NHCONHR''$ , wherein  $R''$  is an alkyl group comprising from 2 to 12 carbon atoms; and/or said hydrocarbon-based chains optionally comprise from 1 to 3 hetero atoms chosen from O, S and N; and/or said hydrocarbon-based chains optionally are substituted with from 1 to 4 halogen atoms and/or with from 1 to 3 hydroxyl radicals, with the proviso that at least one of R and  $R'$  is other than hydrogen; and

- A is chosen from saturated and unsaturated, linear, cyclic and branched hydrocarbon-based chains comprising from 1 to 18 carbon atoms, optionally substituted with at least one group chosen from an aryl  $-C_6H_5$ , an ester  $-COOR''$ , an amide  $-CONHR''$ , a urethane  $-OCONHR''$  and a urea  $-NHCONHR''$  wherein  $R''$  is an alkyl comprising from 2 to 12 carbon atoms; and/or optionally comprising from 1 to 3 hetero atoms chosen from O, S and N; and/or optionally substituted with from 1 to 4 halogen atoms and/or with from 1 to 3 hydroxyl radicals.

67. The composition according to one of claims 1 to 59, wherein said at least one organogelator is chosen from :

- N, N'-bis(dodecanoyl)-1,2-diaminocyclohexane,
- N, N'-bis(dodecanoyl)-1,3-diaminocyclohexane,
- N, N'-bis(dodecanoyl)-1,4-diaminocyclohexane,
- N, N'-bis(dodecanoyl)-1,2-ethylenediamine,
- N, N'-bis(dodecanoyl)-1-methyl-1,2-ethylenediamine,
- N, N'-bis(dodecanoyl)-1,3-diaminopropane,
- N, N'-bis(dodecanoyl)-1,12-diaminododecane,
- N, N'-bis(dodecanoyl)-3,4-diaminotoluene,

68. The composition according to one of claims 1 to 59, wherein said at least one organogelator is chosen from compounds of formula (III):



in which:

- R is identical or different and each is chosen from a hydrogen atom, saturated linear hydrocarbon-based chains, and saturated branched hydrocarbon-based chains, wherein said hydrocarbon-based chains comprise from 1 to 6 carbon atoms;

- Y is identical or different and each is chosen from the following groups:  $-CO-S-R'$ ;  $-CO-NHR'$ ;  $-NH-COR'$  and  $-S-COR'$ ; in which  $R'$  is identical or different and each is chosen from:

- a hydrogen atom,
- aryl groups,
- aralkyl groups, and

- saturated hydrocarbon-based chains chosen from linear, branched and cyclic hydrocarbon-based chains comprising from 1 to 22 carbon atoms, optionally substituted with at least one group chosen from aryl, ester, amide and urethane groups; and/or optionally comprising at least one hetero atom chosen from O, S and N; and/or optionally substituted with at least one fluorine atom and/or hydroxyl radical.

69. The composition according to claim 68, wherein in said formula (III), each R is a hydrogen atom.

70. The composition according to claim 68 or 69, wherein in said formula (III), each Y is chosen from the groups -CO-NHR' and -NH-COR'.

71. The composition according to one of claims 68 to 70, wherein in said formula (III), R' is chosen from aryl groups; aralkyl groups, wherein the alkyl portion is chosen from linear and branched alkyl chains comprising 12-16 carbon atoms; and linear and branched C<sub>12</sub>-C<sub>18</sub> alkyl chains.

72. The composition according to one of claims 68 to 71, wherein said at least one organogelator is chosen from :

- cis-1,3,5-tris(dodecylaminocarbonyl)cyclohexane,
- cis-1,3,5-tris(octadecylaminocarbonyl)cyclohexane,
- cis-1,3,5-tris[N-(3,7-dimethyloctyl)-aminocarbonyl]cyclohexane,
- trans-1,3,5-trimethyl-1,3,5-tris(dodecylaminocarbonyl)cyclohexane, and
- trans-1,3,5-trimethyl-1,3,5-tris(octadecylaminocarbonyl)cyclohexane.

73. The composition according to one of claims 1 to 72, wherein said at least one organogelator is present in an amount ranging from 0.1% to 80% by weight relative to the total weight of the composition.

74. The composition according to one of claims 1 to 73, wherein said at least one organogelator is present in an amount ranging from 0.5% to 60% by weight relative to the total weight of the composition.

75. The composition according to one of claims 1 to 74, wherein said composition is a solid.

76. The composition according to one of claims 1 to 75, wherein said composition is a solid chosen from molded and poured sticks.

77. The composition according to one of claims 1 to 76, wherein said at least one organogelator and/or said at least one structuring polymer have an affinity with a chemical portion of one of the oils forming the liquid fatty phase of the composition so that hydrogen bonds with the oils are formed.

78. The composition according to one of claims 1 to 77, further comprising at least one amphiphilic compound that is liquid and non-volatile at room temperature and has a hydrophilic/lipophilic balance value of less than 12.

79. The composition according to claim 78, wherein said at least one amphiphilic compound comprises a lipophilic part linked to a polar part, the lipophilic part comprising a carbon-based chain comprising at least 8 carbon atoms.

80. The composition according to one of claims 78 or 79, wherein said at least one amphiphilic compound is present in an amount ranging from 0.1% to 35% by weight relative to the total weight of the composition.

81. The composition according to one of claims 78 to 80, wherein said at least one amphiphilic compound is present in an amount ranging from 1% to 20% by weight relative to the total weight of the composition.

82. The composition according to one of claims 1 to 81, further comprising at least one additional rheological agent.

83. The composition according to claim 82, wherein said at least one additional rheological agent is chosen from waxes, polymeric gelling agents and mineral gelling agents for the liquid fatty phase.

84. The composition according to one of claims 1 to 83, further comprising at least one additional additive chosen from antioxidants, essential oils, preserving agents, fragrances, fillers, fatty compounds that are pasty at room temperature, neutralizing agents, gums, liposoluble polymers and polymers that are dispersible in a lipophilic medium, cosmetic and dermatological active agents, dispersants, and an aqueous phase comprising water that is optionally thickened or gelled with an aqueous-phase thickener or gelling agent and optionally water-miscible compounds.

85. The composition according to one of claims 1 to 84, further comprising at least one coloring agent.

86. The composition according to claim 85, wherein said at least one coloring agent is chosen from pigments.

87. The composition according to claims 85 or 86, wherein said at least one coloring agent is present in a proportion of from 0.01% to 50% relative to the total weight of the composition.

88. The composition according to one of claims 1 to 87, wherein said composition is in the form of a rigid gel.

89. The composition according to one of claims 1 to 88, wherein said composition is in the form of an anhydrous stick.

90. The composition according to one of claims 1 to 89, wherein said composition further comprises at least one wax.

91. The composition according to claim 90, wherein said at least one wax is chosen from beeswax, carnauba wax, candelilla wax, ouricury wax, Japan wax, cork fiber wax, sugar cane wax, paraffin wax, lignite wax, microcrystalline waxes, lanolin wax, montan wax, ozokerites and hydrogenated oils, polyethylene waxes, waxes obtained by Fischer-Tropsch synthesis, fatty acid esters and glycerides that are solid at 40°C, and silicone waxes.

92. An anhydrous composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer, wherein said at least one structuring polymer is at least one polyamide polymer comprising:

a polymer skeleton which comprises at least one amide repeating unit;

and

(ii) at least one organogelator.

93. The anhydrous composition according to claim 92, wherein said at least one polyamide polymer is chosen from polymers resulting from at least one polycondensation reaction between at least one acid chosen from dicarboxylic acids comprising at least 32 carbon atoms and at least one amine chosen from diamines comprising at least 2 carbon atoms and triamines comprising at least 2 carbon atoms.

94. The anhydrous composition according to claim 93, wherein said dicarboxylic acids comprise from 32 to 44 carbon atoms and said amines comprise from 2 to 36 carbon atoms.

95. The anhydrous composition according to claims 93 or 94, wherein said dicarboxylic acids are chosen from dimers of at least one fatty acid comprising at least 16 carbon atoms.

96. The anhydrous composition according to claim 95, wherein said at least one fatty acid is chosen from oleic acid, linoleic acid and linolenic acid.

97. The anhydrous composition according to one of claims 93 to 96, wherein said diamines are chosen from ethylenediamine, hexylenediamine, hexamethylenediamine, and phenylenediamine and said triamines are chosen from ethylenetriamine.

98. The anhydrous composition according to one of claims 92 to 97, wherein said at least one polyamide polymer is chosen from polymers comprising at least one terminal carboxylic acid group.

99. The anhydrous composition according to claim 98, wherein said at least one terminal carboxylic acid group is esterified with at least one alcohol chosen from monoalcohols comprising at least 4 carbon atoms.

100. The anhydrous composition according to one of claims 92 to 99, wherein said at least one organogelator and/or said at least one structuring polymer have an affinity with a chemical portion of one of the oils forming the liquid fatty phase of the composition so that hydrogen bonds with the oils are formed.

101. The anhydrous composition according to one of claims 92 to 100, further comprising at least one amphiphilic compound that is liquid and non-volatile at room temperature and has a hydrophilic/lipophilic balance value of less than 12.

102. The anhydrous composition according to claim 101, wherein said at least one amphiphilic compound comprises a lipophilic part linked to a polar part, the lipophilic part comprising a carbon-based chain comprising at least 8 carbon atoms.

103. The anhydrous composition according to one of claims 92 to 102, wherein said at least one liquid fatty phase of the composition, further comprises at least one oil.

104. The anhydrous composition according to one of claims 92 to 103, further comprising at least one additional rheological agent.

105. The anhydrous composition according to claim 104, wherein said at least one additional rheological agent is chosen from waxes, polymeric gelling agents and mineral gelling agents for the liquid fatty phase.

106. The anhydrous composition according to one of claims 92 to 105, further comprising at least one coloring agent.

107. The anhydrous composition according to one of claims 92 to 116, wherein said composition is in the form of a rigid gel.

108. The anhydrous composition according to one of claims 92 to 107, wherein said composition is in the form of an anhydrous stick.

109. The composition according to one of claims 1 to 108, wherein said composition further comprises at least one additional rheological agent, wherein said at least one additional rheological agent is hydrophobic-treated fumed silica.

110. The composition according to one of claims 92 to 109, wherein said composition further comprises at least one wax.

111. A mascara, an eyeliner, a foundation, a lipstick, a blusher, a make-up-removing product, a make-up product for the body, a nail composition, an eyeshadow, a face powder, a concealer product, a shampoo, a conditioner, an antisen product or a care product for the lips, hair or nails comprising a composition comprising at least one liquid fatty phase in said mascara, eyeliner, foundation, lipstick, blusher, make-up-removing product, make-up product for the body, nail composition, eyeshadow, face powder, concealer product, shampoo, conditioner, antisen product or care product for the lips, hair or nails, which comprises:

- (i) at least one structuring polymer comprising:  
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and
- (ii) at least one organogelator.

112. A deodorant product or a care product for the skin or body comprising an anhydrous composition comprising at least one liquid fatty phase in said product which comprises:

- (i) at least one structuring polymer comprising:  
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and
- (ii) at least one organogelator.

113. A care and/or treatment and/or make-up composition for keratin materials comprising an anhydrous composition comprising at least one liquid fatty phase which comprises:

- (i) at least one structuring polymer comprising:  
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and
- (ii) at least one organogelator.

114. A care and/or treatment and/or make-up composition for keratinous fibers, lips or skin comprising at least one liquid fatty phase in said care and/or treatment and/or make-up composition for keratinous fibers, lips or skin which comprises:

- (i) at least one structuring polymer comprising:  
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and
- (ii) at least one organogelator.

115. A lipstick composition in stick form comprising at least one continuous liquid fatty phase, at least one organogelator for the fatty phase and at least one non-waxy structuring polymer having a weight-average molecular mass of less than 100 000, said continuous liquid fatty phase, said at least one organogelator

for the fatty phase and said at least one non-waxy structuring polymer being present in said lipstick composition.

116. A method for care, make-up or treatment of keratin materials comprising applying to said keratin materials an anhydrous composition comprising at least one liquid fatty phase which comprises:

- (i) at least one structuring polymer comprising:  
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and
- (ii) at least one organogelator.

117. A method for care, make-up or treatment of keratinous fibers, lips, or skin comprising applying to said keratinous fibers, lips, or skin a composition comprising at least one liquid fatty phase which comprises:

- (i) at least one structuring polymer comprising:  
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and
- (ii) at least one organogelator.

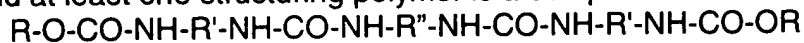
118. A method for providing an anhydrous composition having at least one property chosen from a solid appearance, non-exudation, shear-strength, gloss, and comfortable deposit on keratin materials chosen from lips, skin, and keratinous fibers, comprising including in said composition at least one liquid fatty phase which comprises:

- (i) at least one structuring polymer comprising:  
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and
- (ii) at least one organogelator.

119. An anhydrous composition comprising at least one liquid fatty phase which comprises:

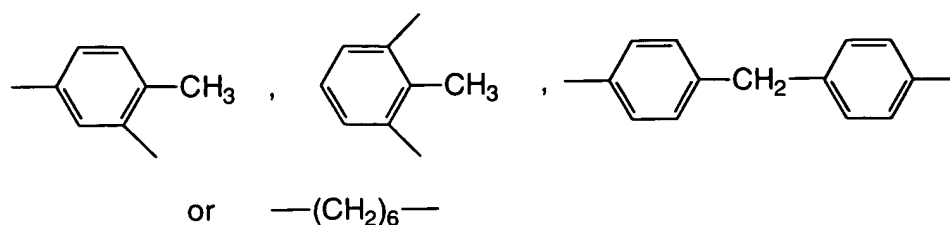
- (i) at least one structuring polymer comprising:  
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and
- (ii) at least one organogelator,

wherein said at least one structuring polymer is a compound of formula XVII :

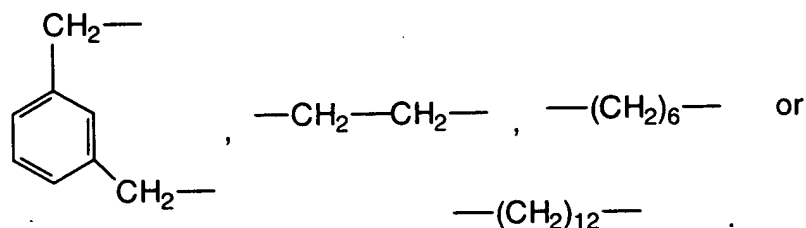
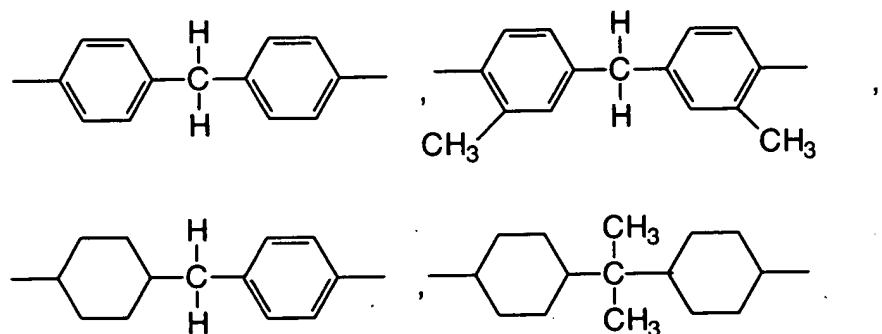


wherein R represents  $\text{C}_n\text{H}_{2n+1}-$  or  $\text{C}_m\text{H}_{2m+1}(\text{C}_p\text{H}_{2p}\text{O})_r-$ ; n represents an integer having a value of from 4 to 22; m represents an integer having a value of from 1 to 18; p represents an integer having a value of from 2 to 4; and r represents an integer having a value of from 1 to 10;

R' represents:



and R'' represents:



120. A structured composition comprising at least one liquid fatty phase structured with at least one structuring polymer comprising a polymer skeleton comprising at least one hydrocarbon-based repeating unit comprising at least one hetero atom, wherein the at least one structuring polymer further comprises at least one chain chosen from

(i) terminal fatty chains, optionally functionalized, chosen from alkyl and alkenyl chains, bonded to the polymer skeleton via at least one linking group chosen from amides, ureas, and esters, and

(ii) pendant fatty chains, optionally functionalized, chosen from alkyl and alkenyl chains, bonded to the polymer skeleton via at least one linking group chosen from amides, ureas, and esters,

wherein when said at least one linking group is chosen from esters, said at least one terminal fatty chain is chosen from branched alkyl groups, and further comprising at least one organogelator.

121. A make up or care or treatment composition for the skin, the lips, or keratinous fibers comprising a structured composition comprising at least one liquid fatty phase structured with at least one structuring polymer comprising a



polymer skeleton comprising at least one hydrocarbon-based repeating unit comprising at least one hetero atom, at least one organogelator able to gel the liquid fatty phase, and at least one coloring agent.

122. A method of making up or caring for skin, lips, or keratinous fibers comprising applying to said skin, lips, or keratinous fibers a structured composition comprising at least one liquid fatty phase structured with at least one structuring polymer comprising a polymer skeleton comprising at least one hydrocarbon-based repeating unit comprising at least one hetero atom and at least one organogelator able to gel the liquid fatty phase.

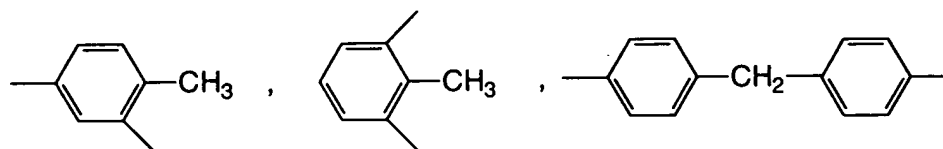
123. An anhydrous composition according to one of claims 1 to 118, wherein said at least three hydrocarbon-based repeating units are identical.

124. A composition comprising at least one liquid fatty phase which comprises:  
(i) at least one structuring polymer chosen from urea urethanes having the following formula XVI :



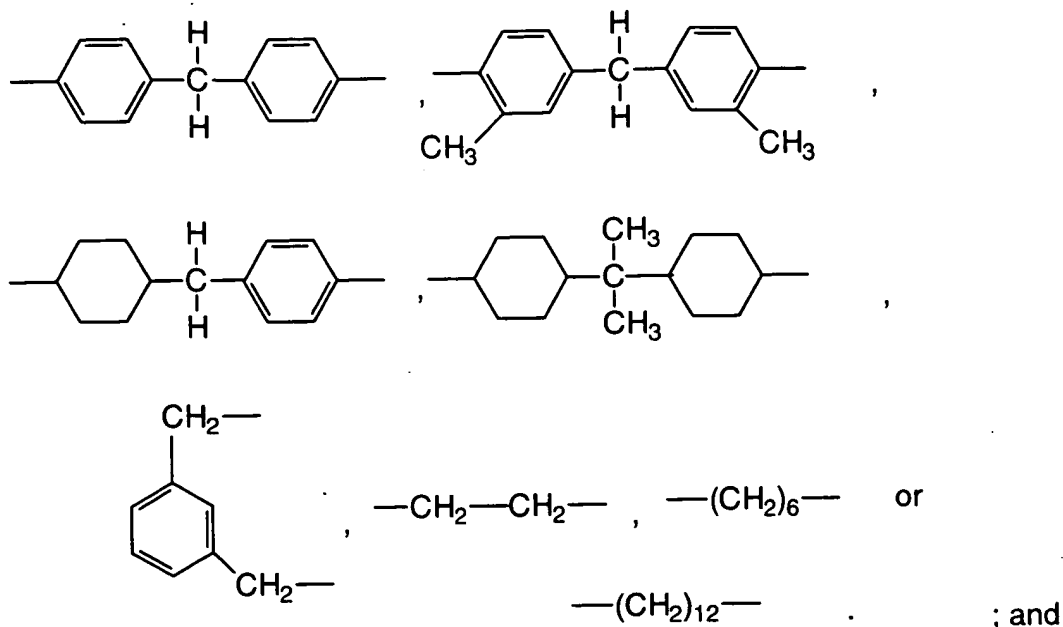
wherein R represents  $\text{C}_n\text{H}_{2n+1}-$ , wherein n represents an integer having a value greater than 22 or  $\text{C}_m\text{H}_{2m+1}(\text{OC}_p\text{H}_{2p})_r-$ , wherein m represents an integer having a value of greater than 18, p represents an integer having a value of from 2 to 4, and r represents an integer having a value of from 1 to 10.

R' represents:



or  $-(\text{CH}_2)_6-$

and R'' represents:



(ii) at least one organogelator.

125. A composition comprising at least one liquid fatty phase which comprises:
- (i) at least one structuring polymer comprising a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom with the proviso that said at least one hetero atom is not nitrogen; and
  - (ii) at least one organogelator.

126. A composition comprising at least one liquid fatty phase which comprises:
- (i) at least one structuring polymer comprising:
    - a polymer skeleton which comprises a) at least one hydrocarbon-based repeating unit comprising at least one hetero atom and b) at least one of:
      - at least one terminal fatty chain, optionally functionalized, chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and
      - at least one pendant fatty chain, optionally functionalized, chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group; and
  - (ii) at least one organogelator.

PENDING CLAIMS  
Application No. 09/749,036  
Attorney Docket No. 05725.0832-00000  
Filed: December 28, 2000

1. An anhydrous composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one pasty fatty substance, wherein said at least one pasty fatty substance comprises at least one liquid fraction and at least one solid fraction at room temperature.

2. The anhydrous composition according to claim 1, wherein said at least one structuring polymer further comprises at least one of:

at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

at least one pendant fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group.

3. The anhydrous composition according to claim 2, wherein said alkyl chains and said alkenyl chains each comprise at least four carbon atoms.

4. The anhydrous composition according to claim 3, wherein said alkyl chains and said alkenyl chains each comprise from 8 to 120 carbon atoms.

5. The anhydrous composition according to claim 4, wherein said alkyl chains and said alkenyl chains each comprise from 12 to 68 carbon atoms.

6. The anhydrous composition according to claim 2, wherein said at least one linking group is chosen from single bonds and urea, urethane, thiourea, thiourethane, thioether, thioester, ester, ether, perfluoro, carboxylic acid, hydroxyl, polyol, amide, phosphoric acid, phosphate, carbamate, thiol and amine groups.

7. The anhydrous composition according to claim 6, wherein said at least one linking group is an ester group present in a proportion ranging from 15% to 40% of the total number of all ester and hetero atom groups in the at least one structuring polymer.

8. The anhydrous composition according to claim 7, wherein said at least one linking group is an ester group present in a proportion ranging from 20% to 35% of the total number of all ester and hetero atom groups in the at least one structuring polymer.

9. The anhydrous composition according to claim 6, wherein said at least one linking group is chosen from urea, ester, and amine groups.

10. The anhydrous composition according to claim 9, wherein said at least one linking group is chosen from ester and amine groups.

11. The anhydrous composition according to claim 2, wherein said at least one terminal fatty chain is functionalized.

12. The anhydrous composition according to claim 2, wherein said at least one pendant fatty chain is functionalized.

13. The anhydrous composition according to claim 2, wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 40% to 98% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer.

14. The anhydrous composition according to claim 13, wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 50% to 95% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer.

15. The anhydrous composition according to claim 1, wherein said at least one structuring polymer has a weight-average molecular mass of less than 100,000.

16. The anhydrous composition according to claim 15, wherein said at least one structuring polymer has a weight-average molecular mass of less than 50,000.

17. The anhydrous composition according to claim 16, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 30,000.

18. The anhydrous composition according to claim 17, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 20,000.

19. The anhydrous composition according to claim 18, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 10,000.

20. The anhydrous composition according to claim 1, wherein said at least one hydrocarbon based repeating unit comprises from 2 to 80 carbon atoms.

21. The anhydrous composition according to claim 20, wherein said at least one hydrocarbon based repeating unit comprises from 2 to 60 carbon atoms.

22. The anhydrous composition according to claim 1, wherein said at least one hydrocarbon based repeating unit is chosen from saturated and unsaturated hydrocarbon-based units which are chosen from linear hydrocarbon-based repeating units, branched hydrocarbon-based repeating units and cyclic hydrocarbon-based repeating units.

23. The anhydrous composition according to claim 1, wherein said at least one hetero atom of said at least one hydrocarbon-based repeating unit is chosen from nitrogen, sulphur, and phosphorus.

24. The anhydrous composition according to claim 23, wherein said at least one hetero atom is a nitrogen atom.

25. The anhydrous composition according to claim 23, wherein said at least one hetero atom is combined with at least one atom chosen from oxygen and carbon to form a hetero atom group.

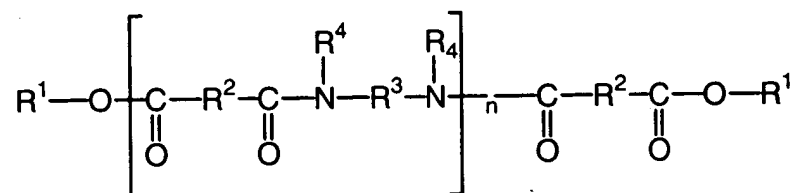
26. The anhydrous composition according to claim 25, wherein said at least one hetero atom group further comprises a carbonyl group.

27. The anhydrous composition according to claim 25, wherein said at least one hetero atom group is chosen from amide groups, carbamate groups, and urea groups.

28. The anhydrous composition according to claim 27, wherein said at least one hetero atom group is an amide group and said polymer skeleton is a polyamide skeleton.

29. The anhydrous composition according to claim 27, wherein said at least one hetero atom group is chosen from carbamate groups and urea groups and said polymer skeleton is chosen from polyurethane skeletons, polyurea skeletons, and polyurethane-polyurea skeletons.

30. The anhydrous composition according to claim 1, wherein said at least one structuring polymer is chosen from polyamide polymers of formula (I):



in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;
- R<sup>1</sup>, which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;
- R<sup>2</sup>, which are identical or different, are each chosen from C<sub>4</sub> to C<sub>42</sub> hydrocarbon-based groups with the proviso that at least 50% of all R<sup>2</sup> are chosen from C<sub>30</sub> to C<sub>42</sub> hydrocarbon-based groups;

- $R^3$ , which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms with the proviso that  $R^3$  comprises at least 2 carbon atoms; and
- $R^4$ , which are identical or different, are each chosen from hydrogen atoms,  $C_1$  to  $C_{10}$  alkyl groups and a direct bond to at least one group chosen from  $R^3$  and another  $R^4$  such that when said at least one group is chosen from another  $R^4$ , the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined in part by  $R^4-N-R^3$ , with the proviso that at least 50% of all  $R^4$  are chosen from hydrogen atoms.

31. The anhydrous composition according to claim 30, wherein in said formula (I),  $n$  is an integer ranging from 1 to 5.

32. The anhydrous composition according to claim 31, wherein in said formula (I),  $n$  is an integer ranging from 3 to 5.

33. The anhydrous composition according to claim 30, wherein in said formula (I), said alkyl groups of  $R^1$  and said alkenyl groups of  $R^1$  each independently comprise from 4 to 24 carbon atoms.

34. The anhydrous composition according to claim 33, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{12}$  to  $C_{22}$  alkyl groups.

35. The anhydrous composition according to claim 34, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{16}$  to  $C_{22}$  alkyl groups.

36. The anhydrous composition according to claim 30, wherein in said formula (I),  $R^2$ , which are identical or different, are each chosen from  $C_{10}$  to  $C_{42}$  hydrocarbon based groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

37. The anhydrous composition according to claim 36, wherein at least 75% of all  $R^2$ , which are identical or different, are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

38. The anhydrous composition according to claim 30, wherein in said formula (I),  $R^3$ , which are identical or different, are each chosen from  $C_2$  to  $C_{36}$  hydrocarbon-based groups and polyoxyalkylene groups.

39. The anhydrous composition according to claim 38, wherein  $R^3$ , which are identical or different, are each chosen from  $C_2$  to  $C_{12}$  hydrocarbon-based groups.

40. The anhydrous composition according to claim 39, wherein in said formula (I),  $R^4$ , which are identical or different, are each chosen from hydrogen atoms.

41. The anhydrous composition according to claim 30, wherein said at least one polymer of formula (I) is in the form of a mixture of polymers, wherein said mixture optionally also comprises a compound of formula (I) wherein  $n$  is equal to zero.

42. The anhydrous composition according to claim 1, wherein said at least one structuring polymer has a softening point greater than  $50^\circ\text{C}$ .

43. The anhydrous composition according to claim 42, wherein said at least one structuring polymer has a softening point ranging from  $65^\circ\text{C}$  to  $190^\circ\text{C}$ .

44. The anhydrous composition according to claim 43, wherein said at least one structuring polymer has a softening point ranging from  $70^\circ\text{C}$  to  $130^\circ\text{C}$ .

45. The anhydrous composition according to claim 44, wherein said at least one structuring polymer has a softening point ranging from  $80^\circ\text{C}$  to  $105^\circ\text{C}$ .

46. The anhydrous composition according to claim 1, wherein said at least one structuring polymer is present in the composition in an amount ranging from 0.5% to 80% by weight relative to the total weight of the composition.

47. The anhydrous composition according to claim 46, wherein said at least one structuring polymer is present in the composition in an amount ranging from 2% to 60% by weight relative to the total weight of the composition.

48. The anhydrous composition according to claim 47, wherein said at least one structuring polymer is present in the composition in an amount ranging from 5% to 40% by weight relative to the total weight of the composition.

49. The anhydrous composition according to claim 1, wherein said composition has a hardness ranging from 30 to 300 g.



50. The anhydrous composition according to claim 49, wherein said composition has a hardness ranging from 30 to 250 g.

51. The anhydrous composition according to claim 50, wherein said composition has a hardness ranging from 30 to 200 g.

52. The anhydrous composition according to claim 1, wherein said at least one liquid fatty phase of the composition further comprises at least one oil.

53. The anhydrous composition according to claim 52, wherein said at least one oil is chosen from at least one polar oil and at least one apolar oil.

54. The anhydrous composition according to claim 53, wherein said at least one polar oil is chosen from:

- hydrocarbon-based plant oils with a high content of triglycerides comprising fatty acid esters and esters of glycerol in which the fatty acids comprise chains having from 4 to 24 carbon atoms, said chains possibly being chosen from linear and branched, and saturated and unsaturated chains;
- synthetic oils or esters of formula  $R_5COOR_6$  in which  $R_5$  is chosen from linear and branched fatty acid residues comprising from 1 to 40 carbon atoms,  $R_6$  is chosen from a hydrocarbon-based chain comprising from 1 to 40 carbon atoms, and  $R_5 + R_6 \geq 10$ ;
- synthetic ethers comprising from 10 to 40 carbon atoms;
- $C_8$  to  $C_{26}$  fatty alcohols; and
- $C_8$  to  $C_{26}$  fatty acids.

55. The anhydrous composition according to claim 53, wherein said at least one apolar oil is chosen from:

- silicone oils chosen from volatile and non-volatile, linear and cyclic polydimethylsiloxanes that are liquid at room temperature;
- polydimethylsiloxanes comprising alkyl or alkoxy groups which are pendant and/or at the end of the silicone chain, the groups each comprising from 2 to 24 carbon atoms;
- phenylsilicones; and
- hydrocarbons chosen from linear and branched, volatile and non-volatile hydrocarbons of synthetic and mineral origin; and

- fluorocarbons chosen from linear and branched, volatile and non-volatile fluorocarbons.

56. The anhydrous composition according to claim 1, wherein said at least one liquid fatty phase further comprises at least one non-volatile oil.

57. The anhydrous composition according to claim 56, wherein said at least one non-volatile oil is chosen from hydrocarbon-based oils of mineral, plant and synthetic origin, synthetic esters and ethers, and silicone oils.

58. The anhydrous composition according to claim 1, wherein said at least one liquid fatty phase is present in an amount ranging from 1% to 99% by weight relative to the total weight of the composition.

59. The anhydrous composition according to claim 58, wherein said at least one liquid fatty phase is present in an amount ranging from 5% to 95.5% by weight relative to the total weight of the composition.

60. The anhydrous composition according to claim 59, wherein said at least one liquid fatty phase is present in an amount ranging from 10% to 80% by weight relative to the total weight of the composition.

61. The anhydrous composition according to claim 60, wherein said at least one liquid fatty phase is present in an amount ranging from 20% to 75% by weight relative to the total weight of the composition.

62. The anhydrous composition according to claim 1, wherein said at least one liquid fatty phase comprises at least one volatile solvent chosen from hydrocarbon-based solvents and silicone solvents optionally comprising at least one group chosen from alkyl and alkoxy groups that are pendant and/or at the end of a silicone chain.

63. The anhydrous composition according to claim 62, wherein said at least one volatile solvent is present in an amount up to 95.5% relative to the total weight of the composition.

64. The anhydrous composition according to claim 63, wherein said at least one volatile solvent is present in an amount ranging from 2% to 75% relative to the total weight of the composition.

65. The anhydrous composition according to claim 64, wherein said at least one volatile solvent is present in an amount ranging from 10% to 45% relative to the total weight of the composition.

66. The anhydrous composition according to claim 1, wherein said at least one pasty fatty substance is chosen from fatty substances having a melting point ranging from 20 to 55°C and fatty substances having a viscosity at 40°C ranging from 0.1 to 40 Pa.s.

67. The anhydrous composition according to claim 66, wherein said at least one pasty fatty substance is chosen from fatty substances having a melting point ranging from 25 to 45°C and fatty substances having a viscosity at 40°C ranging from 0.5 to 25 Pa.s.

68. The anhydrous composition according to claim 66, wherein said at least one pasty fatty substance is chosen from lanolins, lanolin derivatives, esters of fatty acids, esters of fatty alcohols, arachidyl propionate, polyvinyl laurate, cholesterol esters, polyesters and silicone fatty substances.

69. The anhydrous composition according to claim 68, wherein said lanolin derivatives are chosen from acetylated lanolins, oxypropylenated lanolins and isopropyl lanolate.

70. The anhydrous composition according to claim 68, wherein said cholesterol esters are chosen from triglycerides of plant origin.

71. The anhydrous composition according to claim 68, wherein said polyesters are poly(12-hydroxystearic acid).

72. The anhydrous composition according to claim 68, wherein said silicone fatty substances are chosen from polydimethylsiloxanes (PDMS) having at least one pendant chain chosen from alkyl and alkoxy chains containing from 8 to 24 carbon atoms.

73. The anhydrous composition according to claim 1, wherein said at least one pasty fatty substance is present in a proportion ranging from 0.5% to 60% by weight relative to the total weight of the composition.

74. The anhydrous composition according to claim 1, wherein said at least one pasty fatty substance is present in a proportion ranging from 2% to 45% by weight relative to the total weight of the composition.

75. The anhydrous composition according to claim 1, wherein said at least one pasty fatty substance is present in a proportion ranging from 5% to 30% by weight relative to the total weight of the composition.

76. The anhydrous composition according to claim 1, wherein the composition is in a form chosen from a fluid anhydrous gel, rigid anhydrous gel, fluid simple emulsion, rigid simple emulsion, fluid multiple emulsion, and rigid multiple emulsion.

77. The anhydrous composition according to claim 1, wherein said anhydrous composition is a solid.

78. The anhydrous composition according to claim 77, wherein said anhydrous composition is a solid chosen from molded and poured sticks.

79. The anhydrous composition according to claim 1, further comprising at least one amphiphilic compound that is liquid and non-volatile at room temperature and has a hydrophilic/lipophilic balance value of less than 12.

80. The anhydrous composition according to claim 79, wherein said at least one amphiphilic compound comprises a lipophilic part linked to a polar part, the lipophilic part comprising a carbon-based chain comprising at least 8 carbon atoms.

81. The anhydrous composition according to claim 79, wherein said at least one amphiphilic compound is present in an amount ranging from 0.1% to 35% by weight relative to the total weight of the composition.

82. The anhydrous composition according to claim 81, wherein said at least one amphiphilic compound is present in an amount ranging from 1% to 20% by weight relative to the total weight of the composition.

83. The anhydrous composition according to claim 82, wherein said at least one amphiphilic compound is present in an amount ranging from 1% to 15% by weight relative to the total weight of the composition.

84. The anhydrous composition according to claim 1, further comprising at least one additional additive chosen from antioxidants, essential oils, preservatives,

fragrances, fillers, waxes, neutralizing agents, dispersing agents, fat-soluble polymers, cosmetic and dermatological active agents, and an aqueous phase comprising water that is optionally thickened or gelled with an aqueous-phase thickener or gelling agent and optionally water-miscible compounds.

85. The anhydrous composition according to claim 1, further comprising at least one coloring agent.

86. The anhydrous composition according to claim 85, wherein said at least one coloring agent is chosen from lipophilic dyes, hydrophilic dyes, pigments and nacles.

87. The anhydrous composition according to claim 85, wherein said at least one coloring agent is present in a proportion of from 0.01% to 50% relative to the total weight of the composition.

88. The anhydrous composition according to claim 1, wherein said composition is in the form of a rigid gel.

89. The anhydrous composition according to claim 1, wherein said composition is in the form of an anhydrous stick.

90. The anhydrous composition according to claim 1, wherein said composition further comprises at least one wax.

91. The anhydrous composition according to claim 90, wherein said at least one wax is chosen from beeswax, carnauba wax, candelilla wax, ouricury wax, Japan wax, cork fibre wax, sugar cane wax, paraffin wax, lignite wax, microcrystalline waxes, lanolin wax, montan wax, ozokerites and hydrogenated oils, polyethylene waxes, waxes obtained by Fischer-Tropsch synthesis, fatty acid esters and glycerides that are solid at 40°C, and silicone waxes.

92. A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one pasty fatty substance, wherein said at least one pasty fatty substance comprises at least one liquid fraction and at least one solid fraction at room temperature.

93. The composition according to claim 92, wherein said at least one structuring polymer further comprises at least one of:

at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

at least one pendant fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group.

94. The composition according to claim 93, wherein said alkyl chains and said alkenyl chains each comprise at least four carbon atoms.

95. The composition according to claim 94, wherein said alkyl chains and said alkenyl chains each comprise from 8 to 120 carbon atoms.

96. The composition according to claim 95, wherein said alkyl chains and said alkenyl chains each comprise from 12 to 68 carbon atoms.

97. The composition according to claim 93, wherein said at least one linking group is chosen from single bonds and urea, urethane, thiourea, thiourethane, thioether, thioester, ester, ether, perfluoro, carboxylic acid, hydroxyl, polyol, amide, phosphoric acid, phosphate, carbamate, thiol and amine groups.

98. The composition according to claim 97, wherein said at least one linking group is chosen from urea, ester, and amine groups.

99. The composition according to claim 98, wherein said at least one linking group is chosen from ester and amine groups.

100. The composition according to claim 93, wherein said at least one linking group is an ester group present in a proportion ranging from 15% to 40% of the total number of all ester and hetero atom groups in the at least one structuring polymer.

101. The composition according to claim 100, wherein said at least one linking group is an ester group present in a proportion ranging from 20% to 35% of the total number of all ester and hetero atom groups in the at least one structuring polymer.

102. The composition according to claim 93, wherein said at least one terminal fatty chain is functionalized.

103. The composition according to claim 93, wherein said at least one pendant fatty chain is functionalized.

104. The composition according to claim 93, wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 40% to 98% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer.

105. The composition according to claim 104, wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 50% to 95% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer.

106. The composition according to claim 92, wherein said at least one structuring polymer has a weight-average molecular mass of less than 100,000.

107. The composition according to claim 106, wherein said at least one structuring polymer has a weight-average molecular mass of less than 50,000.

108. The composition according to claim 107, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 30,000.

109. The composition according to claim 108, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 20,000.

110. The composition according to claim 109, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 10,000.

111. The composition according to claim 92, wherein said at least one hydrocarbon based repeating unit comprises from 2 to 80 carbon atoms.

112. The composition according to claim 111, wherein said at least one hydrocarbon based repeating unit comprises from 2 to 60 carbon atoms.

113. The composition according to claim 92, wherein said at least one hydrocarbon based repeating unit is chosen from saturated and unsaturated hydrocarbon-based units which are chosen from linear hydrocarbon-based repeating units, branched hydrocarbon-based repeating units and cyclic hydrocarbon-based repeating units.

114. The composition according to claim 92, wherein said at least one hetero atom of said at least one hydrocarbon-based repeating unit is chosen from nitrogen, sulphur, and phosphorus.

115. The composition according to claim 114, wherein said at least one hetero atom is a nitrogen atom.

116. The composition according to claim 114, wherein said at least one hetero atom is combined with at least one atom chosen from oxygen and carbon to form a hetero atom group.

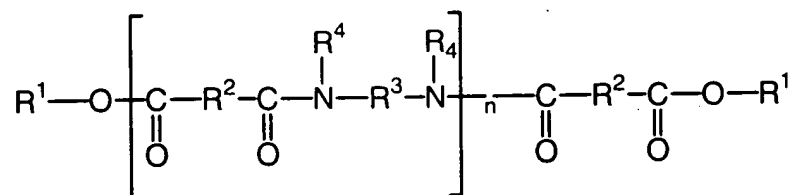
117. The composition according to claim 116, wherein said at least one hetero atom group further comprises a carbonyl group.

118. The composition according to claim 116, wherein said at least one hetero atom group is chosen from amide groups, carbamate groups, and urea groups.

119. The composition according to claim 118, wherein said at least one hetero atom group is an amide group and said polymer skeleton is a polyamide skeleton.

120. The composition according to claim 118, wherein said at least one hetero atom group is chosen from carbamate groups and urea groups and said polymer skeleton is chosen from polyurethane skeletons, polyurea skeletons and polyurethane-polyurea skeletons.

121. The composition according to claim 92, wherein said at least one structuring polymer is chosen from polyamide polymers of formula (I):





in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;
- $R^1$ , which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;
- $R^2$ , which are identical or different, are each chosen from  $C_4$  to  $C_{42}$  hydrocarbon-based groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon-based groups;
- $R^3$ , which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms with the proviso that  $R^3$  comprises at least 2 carbon atoms; and
- $R^4$ , which are identical or different, are each chosen from hydrogen atoms,  $C_1$  to  $C_{10}$  alkyl groups and a direct bond to at least one group chosen from  $R^3$  and another  $R^4$  such that when said at least one group is chosen from another  $R^4$ , the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined in part by  $R^4-N-R^3$ , with the proviso that at least 50% of all  $R^4$  are chosen from hydrogen atoms.

122. The composition according to claim 121, wherein in said formula (I), n is an integer ranging from 1 to 5.

123. The composition according to claim 122, wherein in said formula (I), n is an integer ranging from 3 to 5.

124. The composition according to claim 121, wherein in said formula (I), said alkyl groups of  $R^1$  and said alkenyl groups of  $R^1$  each independently comprise from 4 to 24 carbon atoms.

125. The composition according to claim 124, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{12}$  to  $C_{22}$  alkyl groups.

126. The composition according to claim 125, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{16}$  to  $C_{22}$  alkyl groups.

127. The composition according to claim 121, wherein in said formula (I),  $R^2$ , which are identical or different, are each chosen from  $C_{10}$  to  $C_{42}$  hydrocarbon based groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

128. The composition according to claim 127, wherein at least 75% of all  $R^2$ , which are identical or different, are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

129. The composition according to claim 121, wherein in said formula (I),  $R^3$ , which are identical or different, are each chosen from  $C_2$  to  $C_{36}$  hydrocarbon-based groups and polyoxyalkylene groups.

130. The composition according to claim 129, wherein  $R^3$ , which are identical or different, are each chosen from  $C_2$  to  $C_{12}$  hydrocarbon-based groups.

131. The composition according to claim 130, wherein in said formula (I),  $R^4$ , which are identical or different, are each chosen from hydrogen atoms.

132. The composition according to claim 121, wherein said at least one polymer of formula (I) is in the form of a mixture of polymers, wherein said mixture optionally also comprises a compound of formula (I) wherein  $n$  is equal to zero.

133. The composition according to claim 92, wherein said at least one structuring polymer has a softening point greater than  $50^{\circ}\text{C}$ .

134. The composition according to claim 133, wherein said at least one structuring polymer has a softening point ranging from  $65^{\circ}\text{C}$  to  $190^{\circ}\text{C}$ .

135. The composition according to claim 134, wherein said at least one structuring polymer has a softening point ranging from  $70^{\circ}\text{C}$  to  $130^{\circ}\text{C}$ .

136. The composition according to claim 135, wherein said at least one structuring polymer has a softening point ranging from  $80^{\circ}\text{C}$  to  $105^{\circ}\text{C}$ .

137. The composition according to claim 92 wherein said at least one structuring polymer is present in the composition in an amount ranging from 0.5% to 80% by weight relative to the total weight of the composition.

138. The composition according to claim 137, wherein said at least one structuring polymer is present in the composition in an amount ranging from 2% to 60% by weight relative to the total weight of the composition.

139. The composition according to claim 138, wherein said at least one structuring polymer is present in the composition in an amount ranging from 5% to 40% by weight relative to the total weight of the composition.

140. The composition according to claim 92, wherein said composition has a hardness ranging from 30 to 300 g.

141. The composition according to claim 140, wherein said composition has a hardness ranging from 30 to 250 g.

142. The composition according to claim 141, wherein said composition has a hardness ranging from 30 to 200 g.

143. The composition according to claim 92, wherein said at least one liquid fatty phase of the composition further comprises at least one oil.

144. The composition according to claim 143, wherein said at least one oil is chosen from at least one polar oil and at least one apolar oil.

145. The composition according to claim 144, wherein said at least one polar oil is chosen from:

- hydrocarbon-based plant oils with a high content of triglycerides comprising fatty acid esters and esters of glycerol in which the fatty acids comprise chains having from 4 to 24 carbon atoms, said chains possibly being chosen from linear and branched, and saturated and unsaturated chains;
- synthetic oils or esters of formula  $R_5COOR_6$  in which  $R_5$  is chosen from linear and branched fatty acid residues comprising from 1 to 40 carbon atoms,  $R_6$  is chosen from a hydrocarbon-based chain comprising from 1 to 40 carbon atoms, and  $R_5 + R_6 \geq 10$ ;
- synthetic ethers comprising from 10 to 40 carbon atoms;
- $C_8$  to  $C_{26}$  fatty alcohols; and
- $C_8$  to  $C_{26}$  fatty acids.

146. The composition according to claim 144, wherein said at least one apolar oil is chosen from:

- silicone oils chosen from volatile and non-volatile, linear and cyclic polydimethylsiloxanes that are liquid at room temperature;
- polydimethylsiloxanes comprising alkyl or alkoxy groups which are pendant and/or at the end of the silicone chain, the groups each comprising from 2 to 24 carbon atoms;
- phenylsilicones;
- hydrocarbons chosen from linear and branched, volatile and non-volatile hydrocarbons of synthetic and mineral origin; and
- fluorocarbons chosen from linear and branched, volatile and non-volatile fluorocarbons.

147. The composition according to claim 92, wherein said at least one liquid fatty phase further comprises at least one non-volatile oil.

148. The composition according to claim 147, wherein said at least one non-volatile oil is chosen from hydrocarbon-based oils of mineral, plant and synthetic origin, synthetic esters and ethers, and silicone oils.

149. The composition according to claim 92, wherein said at least one liquid fatty phase is present in an amount ranging from 1% to 99% by weight relative to the total weight of the composition.

150. The composition according to claim 149, wherein said at least one liquid fatty phase is present in an amount ranging from 5% to 95.5% by weight relative to the total weight of the composition.

151. The composition according to claim 150, wherein said at least one liquid fatty phase is present in an amount ranging from 10% to 80% by weight relative to the total weight of the composition.

152. The composition according to claim 151, wherein said at least one liquid fatty phase is present in an amount ranging from 20% to 75% by weight relative to the total weight of the composition.

153. The composition according to claim 92, wherein said at least one liquid fatty phase comprises at least one volatile solvent chosen from hydrocarbon-based solvents and silicone solvents optionally comprising at least one group chosen from alkyl and alkoxy groups that are pendant and/or at the end of a silicone chain.

154. The composition according to claim 153, wherein said at least one volatile solvent is present in an amount up to 95.5% relative to the total weight of the composition.

155. The composition according to claim 154, wherein said at least one volatile solvent is present in an amount ranging from 2% to 75% relative to the total weight of the composition.

156. The composition according to claim 155, wherein said at least one volatile solvent is present in an amount ranging from 10% to 45% relative to the total weight of the composition.

157. The composition according to claim 92, wherein said composition further comprises at least one additional fatty material.

158. The composition according to claim 157, wherein said at least one additional fatty material is chosen from gums, fatty materials pasty at ambient temperature, and resins.

159. The composition according to claim 92, wherein said at least one pasty fatty substance is chosen from fatty substances having a melting point ranging from 20 to 55°C and fatty substances having a viscosity at 40°C ranging from 0.1 to 40 Pa.s.

160. The composition according to claim 159, wherein said at least one pasty fatty substance is chosen from fatty substances having a melting point ranging from 25 to 45°C and fatty substances having a viscosity at 40°C ranging from 0.5 to 25 Pa.s.

161. The composition according to claim 159, wherein said at least one pasty fatty substance is chosen from lanolins, lanolin derivatives, esters of fatty acids, esters of fatty alcohols, arachidyl propionate, polyvinyl laurate, cholesterol esters, polyesters and silicone fatty substances.

162. The composition according to claim 161, wherein said lanolin derivatives are chosen from acetylated lanolins, oxypropylenated lanolins and isopropyl lanolate.

163. The composition according to claim 161, wherein said cholesterol esters are chosen from triglycerides of plant origin.

164. The composition according to claim 161, wherein said polyesters are poly(12-hydroxystearic acid).

165. The composition according to claim 161, wherein said silicone fatty substances are chosen from polydimethylsiloxanes (PDMS) having at least one pendant chain chosen from alkyl and alkoxy chains containing from 8 to 24 carbon atoms.

166. The composition according to claim 92, wherein said at least one pasty fatty substance is present in a proportion ranging from 0.5% to 60% by weight relative to the total weight of the composition.

167. The composition according to claim 166, wherein said at least one pasty fatty substance is present in a proportion ranging from 2% to 45% by weight relative to the total weight of the composition.

168. The composition according to claim 167, wherein said at least one pasty fatty substance is present in a proportion ranging from 5% to 30% by weight relative to the total weight of the composition.

169. The composition according to claim 92, wherein the composition is in a form chosen from a fluid anhydrous gel, rigid anhydrous gel, fluid simple emulsion, rigid simple emulsion, fluid multiple emulsion, and rigid multiple emulsion.

170. The composition according to claim 92, wherein said composition is a solid.

171. The composition according to claim 170, wherein said composition is a solid chosen from molded and poured sticks.

172. The composition according to claim 92, further comprising at least one amphiphilic compound that is liquid and non-volatile at room temperature and has a hydrophilic/lipophilic balance value of less than 12.

173. The composition according to claim 172, wherein said at least one amphiphilic compound comprises a lipophilic part linked to a polar part, the lipophilic part comprising a carbon-based chain comprising at least 8 carbon atoms.

174. The composition according to claim 172, wherein said at least one amphiphilic compound is present in an amount ranging from 0.1% to 35% by weight relative to the total weight of the composition.

175. The composition according to claim 174, wherein said at least one amphiphilic compound is present in an amount ranging from 1% to 20% by weight relative to the total weight of the composition.

176. The composition according to claim 175, wherein said at least one amphiphilic compound is present in an amount ranging from 1% to 15% by weight relative to the total weight of the composition.

177. The composition according to claim 92, further comprising at least one additional additive chosen from antioxidants, essential oils, preservatives, fragrances, fillers, waxes, neutralizing agents, dispersing agents, fat-soluble polymers, cosmetic and dermatological active agents, and an aqueous phase comprising water that is optionally thickened or gelled with an aqueous-phase thickener or gelling agent and optionally water-miscible compounds.

178. The composition according to claim 92, further comprising at least one coloring agent.

179. The composition according to claim 178, wherein said at least one coloring agent is chosen from lipophilic dyes, hydrophilic dyes, pigments and naces.

180. The composition according to claim 178, wherein said at least one coloring agent is present in a proportion of from 0.01% to 50% relative to the total weight of the composition.

181. The composition according to claim 92, wherein said composition is in the form of a rigid gel.

182. The composition according to claim 92, wherein said composition is in the form of an anhydrous stick.

183. The composition according to claim 92, wherein said composition further comprises at least one wax.

184. The composition according to claim 183, wherein said at least one wax is chosen from beeswax, carnauba wax, candelilla wax, ouricury wax, Japan wax, cork fibre wax, sugar cane wax, paraffin wax, lignite wax, microcrystalline waxes, lanolin wax, montan wax, ozokerites and hydrogenated oils, polyethylene waxes, waxes

obtained by Fischer-Tropsch synthesis, fatty acid esters and glycerides that are solid at 40°C, and silicone waxes.

185. A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer, wherein said at least one structuring polymer is at least one polyamide polymer comprising:

a polymer skeleton which comprises at least one amide repeating unit; and

(ii) at least one pasty fatty substance, wherein said at least one pasty fatty substance comprises at least one liquid fraction and at least one solid fraction at room temperature.

186. The composition according to claim 185, wherein said at least one polyamide polymer is chosen from polymers resulting from at least one polycondensation reaction between at least one acid chosen from dicarboxylic acids comprising at least 32 carbon atoms and at least one amine chosen from diamines comprising at least 2 carbon atoms and triamines comprising at least 2 carbon atoms.

187. The composition according to claim 186, wherein said dicarboxylic acids comprise from 32 to 44 carbon atoms and said at least one amine comprises from 2 to 36 carbon atoms.

188. The composition according to claim 187, wherein said dicarboxylic acids are chosen from dimers of at least one fatty acid comprising at least 16 carbon atoms.

189. The composition according to claim 188, wherein said at least one fatty acid is chosen from oleic acid, linoleic acid and linolenic acid.

190. The composition according to claim 186, wherein said diamines are chosen from ethylenediamine, hexylenediamine, hexamethylenediamine, and phenylenediamine and said triamines are chosen from ethylenetriamine.

191. The composition according to claim 185, wherein said at least one polyamide polymer is chosen from polymers comprising at least one terminal carboxylic acid group.



192. The composition according to claim 191, wherein said at least one terminal carboxylic acid group is esterified with at least one alcohol chosen from monoalcohols comprising at least 4 carbon atoms.

193. The composition according to claim 185, wherein said at least one polyamide polymer is chosen from:

- polymers chosen from mixtures of copolymers derived from monomers of (i) C<sub>36</sub> diacids and (ii) ethylenediamine, and having a weight-average molecular mass of about 6000;

- polyamide polymers resulting from the condensation of at least one aliphatic dicarboxylic acid and at least one diamine, the carbonyl and amine groups being condensed via an amide bond; and

- polyamide resins from vegetable sources.

194. The composition according to claim 185, further comprising at least one amphiphilic compound that is liquid and non-volatile at room temperature and has a hydrophilic/lipophilic balance value of less than 12.

195. The composition according to claim 194, wherein said at least one amphiphilic compound comprises a lipophilic part linked to a polar part, the lipophilic part comprising a carbon-based chain comprising at least 8 carbon atoms.

196. The composition according to claim 194, wherein said at least one amphiphilic compound is present in an amount ranging from 0.1% to 35% by weight relative to the total weight of the composition.

197. The composition according to claim 196, wherein said at least one amphiphilic compound is present in an amount ranging from 1% to 20% by weight relative to the total weight of the composition.

198. The composition according to claim 197, wherein said at least one amphiphilic compound is present in an amount ranging from 1% to 15% by weight relative to the total weight of the composition.

199. The composition according to claim 185, wherein said at least one liquid fatty phase of the composition further comprises at least one oil.

200. The composition according to claim 185, further comprising at least one additional additive chosen from antioxidants, essential oils, preservatives, fragrances, fillers, waxes, neutralizing agents, dispersing agents, fat-soluble polymers, cosmetic and dermatological active agents, and an aqueous phase comprising water that is optionally thickened or gelled with an aqueous-phase thickener or gelling agent and optionally water-miscible compounds.

201. The composition according to claim 185, further comprising at least one coloring agent.

202. The composition according to claim 201, wherein said at least one coloring agent is chosen from lipophilic dyes, hydrophilic dyes, pigments and nacs.

203. The composition according to claim 201, wherein said at least one coloring agent is present in a proportion of from 0.01% to 50% relative to the total weight of the composition.

204. The composition according to claim 185, wherein said composition is in the form of a rigid gel.

205. The composition according to claim 185, wherein said composition is in the form of an anhydrous stick.

206. The composition according to claim 185, wherein said composition further comprises at least one wax.

207. The composition according to claim 206, wherein said at least one wax is chosen from beeswax, carnauba wax, candelilla wax, ouricury wax, Japan wax, cork fibre wax, sugar cane wax, paraffin wax, lignite wax, microcrystalline waxes, lanolin wax, montan wax, ozokerites and hydrogenated oils, polyethylene waxes, waxes obtained by Fischer-Tropsch synthesis, fatty acid esters and glycerides that are solid at 40°C, and silicone waxes.

208. The composition according to claim 185, wherein said at least one pasty fatty substance is chosen from fatty substances having a melting point ranging from 20 to 55°C and fatty substances having a viscosity at 40°C ranging from 0.1 to 40 Pa.s.

209. The composition according to claim 208, wherein said at least one pasty fatty substance is chosen from fatty substances having a melting point ranging from 25 to 45°C and fatty substances having a viscosity at 40°C ranging from 0.5 to 25 Pa.s.

210. The composition according to claim 185, wherein said at least one pasty fatty substance is chosen from lanolins, lanolin derivatives, esters of fatty acids, esters of fatty alcohols, arachidyl propionate, polyvinyl laurate, cholesterol esters, polyesters and silicone fatty substances.

211. The composition according to claim 210, wherein said lanolin derivatives are chosen from acetylated lanolins, oxypropylenated lanolins and isopropyl lanolate.

212. The composition according to claim 210, wherein said cholesterol esters are chosen from triglycerides of plant origin.

213. The composition according to claim 210, wherein said polyesters are poly(12-hydroxystearic acid).

214. The composition according to claim 210, wherein said silicone fatty substances are chosen from polydimethylsiloxanes having at least one pendant chain chosen from alkyl and alkoxy chains containing from 8 to 24 carbon atoms.

215. The composition according to claim 185, wherein said at least one pasty fatty substance is present in a proportion ranging from 0.5% to 60% by weight relative to the total weight of the composition.

216. The composition according to claim 185, wherein said at least one pasty fatty substance is present in a proportion ranging from 2% to 45% by weight relative to the total weight of the composition.

217. The composition according to claim 185, wherein said at least one pasty fatty substance is present in a proportion ranging from 5% to 30% by weight relative to the total weight of the composition.

218. A mascara, an eyeliner, a foundation, a lipstick, a make-up-removing product, a make-up product for the body, a nail composition, an eyeshadow, a face powder, a concealer product, a shampoo, a conditioner, an antisen product or a care product for the lips, face, body, or hair comprising a composition comprising at least one liquid fatty phase in said mascara, eyeliner, foundation, lipstick, blusher, make-up-

removing product, make-up product for the body, nail composition, eyeshadow, face powder, concealer product, shampoo, conditioner, antisen product or care product for the lips, face, body, or hair which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one pasty fatty substance, wherein said at least one pasty fatty substance comprises at least one liquid fraction and at least one solid fraction at room temperature.

219. A deodorant product or a care product for the skin or body comprising a composition comprising at least one liquid fatty phase in said product which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one pasty fatty substance, wherein said at least one pasty fatty substance comprises at least one liquid fraction and at least one solid fraction at room temperature.

220. A care and/or treatment and/or make-up composition for keratin materials comprising an anhydrous composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one pasty fatty substance, wherein said at least one pasty fatty substance comprises at least one liquid fraction and at least one solid fraction at room temperature.

221. A care and/or treatment and/or make-up composition for keratinous fibers, lips or skin comprising at least one liquid fatty phase in said care and/or treatment and/or make-up composition for

keratinous fibers, lips or skin which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one pasty fatty substance, wherein said at least one pasty fatty substance comprises at least one liquid fraction and at least one solid fraction at room temperature.

222. A lipstick composition in stick form comprising at least one continuous liquid fatty phase, at least one pasty fatty substance, wherein said at least one pasty fatty substance comprises at least one liquid fraction and at least one solid fraction at room temperature, and at least one structuring polymer having a weight-average molecular mass of less than 100 000, said at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom.

223. A method for care, make-up or treatment of keratin materials comprising applying to said keratin materials a composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one pasty fatty substance, wherein said at least one pasty fatty substance comprises at least one liquid fraction and at least one solid fraction at room temperature.

224. A method for care, make-up or treatment of keratinous fibers, lips, or skin comprising applying to said keratinous fibers, lips, or skin a composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one pasty fatty substance, wherein said at least one pasty fatty substance comprises at least one liquid fraction and at least one solid fraction at room temperature.

225. A method for providing a composition having at least one property chosen from a solid appearance, non-exudation, shear-strength, gloss, and comfortable deposit on keratin materials chosen from lips, skin, and keratinous fibers, comprising including in said composition at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one pasty fatty substance, wherein said at least one pasty fatty substance comprises at least one liquid fraction and at least one solid fraction at room temperature.

226. A structured composition comprising at least one liquid fatty phase structured with at least one structuring polymer, wherein said at least one structuring polymer is at least one polyamide polymer comprising a polymer skeleton which comprises at least one amide repeating unit, wherein the at least one structuring polymer further comprises at least one chain chosen from

(i) terminal fatty chains, optionally functionalized, chosen from alkyl and alkenyl chains, bonded to the polymer skeleton via at least one linking group chosen from amides, ureas, and esters, and

(ii) pendant fatty chains, optionally functionalized, chosen from alkyl and alkenyl chains, bonded to the polymer skeleton via at least one linking group chosen from amides, ureas, and esters,

wherein when said at least one linking group is chosen from esters, said at least one terminal fatty chain is chosen from branched alkyl groups, and

further comprising at least one pasty fatty substance, wherein said at least one pasty fatty substance comprises at least one liquid fraction and at least one solid fraction at room temperature.

227. A structured composition comprising at least one liquid fatty

phase structured with at least one structuring polymer comprising a polymer skeleton comprising at least one hydrocarbon-based repeating unit comprising at least one hetero atom, wherein the at least one structuring polymer further comprises at least one chain chosen from

(i) terminal fatty chains, optionally functionalized, chosen from alkyl and alkenyl chains, bonded to the polymer skeleton via at least one linking group chosen from amides, ureas, and esters, and

(ii) pendant fatty chains, optionally functionalized, chosen from alkyl and alkenyl chains, bonded to the polymer skeleton via at least one linking group chosen from amides, ureas, and esters,

wherein when said at least one linking group is chosen from esters, said at least one terminal fatty chain is chosen from branched alkyl groups, and

further comprising at least one pasty fatty substance, wherein said at least one pasty fatty substance comprises at least one liquid fraction and at least one solid fraction at room temperature.

228. A make up or care or treatment composition for the skin, the lips, or keratinous fibers comprising a structured composition comprising at least one liquid fatty phase structured with at least one structuring polymer comprising a polymer skeleton comprising at least one hydrocarbon-based repeating unit comprising at least one hetero atom, at least one pasty fatty substance, wherein said at least one pasty fatty substance comprises at least one liquid fraction and at least one solid fraction at room temperature, and at least one coloring agent.

229. A method of making up or caring for skin, lips, or keratinous fibers comprising applying to said skin, lips, or keratinous fibers a structured composition comprising at least one liquid fatty phase structured with at least one structuring polymer comprising a polymer skeleton comprising at least one hydrocarbon-based repeating unit comprising at least one hetero atom and at least one pasty fatty substance, wherein said at least one pasty fatty substance comprises at least one liquid fraction and at least one solid fraction at room temperature.

230. A composition comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising  
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom with the proviso that said at least one hetero atom is not nitrogen; and

(ii) at least one pasty fatty substance, wherein said at least one pasty fatty substance comprises at least one liquid fraction and at least one solid fraction at room temperature.

231. The anhydrous composition according to claim 79, wherein said hydrophilic/lipophilic balance value is less than 8.

232. The anhydrous composition according to claim 231, wherein said hydrophilic/lipophilic balance value ranges from 1 to 7.

233. The anhydrous composition according to claim 232, wherein hydrophilic/lipophilic balance value ranges from 1 to 5.

234. The anhydrous composition according to claim 79, wherein said at least one amphiphilic compound is chosen from hydroxystearates of glycerol, oleates of glycerol, isostearates of glycerol, hydroxystearates of sorbitan, oleates of sorbitan, isostearates of sorbitan, hydroxystearates of methylglucose, oleates of methylglucose, isostearates of methylglucose, and octyldodecanol.

235. The composition according to claim 172, wherein said hydrophilic/lipophilic balance value is less than 8.

236. The composition according to claim 235, wherein said hydrophilic/lipophilic balance value ranges from 1 to 7.

237. The composition according to claim 236, wherein hydrophilic/lipophilic balance value ranges from 1 to 5.

238. The composition according to claim 172, wherein said at least one amphiphilic compound is chosen from hydroxystearates of glycerol, oleates of glycerol, isostearates of glycerol, hydroxystearates of sorbitan, oleates of sorbitan, isostearates of sorbitan, hydroxystearates of methylglucose, oleates of methylglucose, isostearates of methylglucose, and octyldodecanol.



239. The composition according to claim 194, wherein said hydrophilic/lipophilic balance value is less than 8.

240. The composition according to claim 239, wherein said hydrophilic/lipophilic balance value ranges from 1 to 7.

241. The composition according to claim 240, wherein hydrophilic/lipophilic balance value ranges from 1 to 5.

242. The composition according to claim 194, wherein said at least one amphiphilic compound is chosen from hydroxystearates of glycerol, oleates of glycerol, isostearates of glycerol, hydroxystearates of sorbitan, oleates of sorbitan, isostearates of sorbitan, hydroxystearates of methylglucose, oleates of methylglucose, isostearates of methylglucose, and octyldodecanol.

243. The anhydrous composition according to claim 80, wherein said carbon-based chain comprises from 16 to 32 carbon atoms.

244. The anhydrous composition according to claim 243, wherein said carbon-based chain comprises from 18 to 28 carbon atoms.

245. The composition according to claim 173, wherein said carbon-based chain comprises from 16 to 32 carbon atoms.

246. The composition according to claim 245, wherein said carbon-based chain comprises from 18 to 28 carbon atoms.

247. The composition according to claim 195, wherein said carbon-based chain comprises from 16 to 32 carbon atoms.

248. The composition according to claim 247, wherein said carbon-based chain comprises from 18 to 28 carbon atoms.

249. The anhydrous composition according to claim 79, wherein said at least one amphiphilic compound comprises a lipophilic part linked to a polar part, wherein the polar part is a residue of a compound chosen from alcohols and polyols comprising from 1 to 12 hydroxyl groups, and polyoxyalkylenes comprising at least 2 oxyalkylene units, from 0 to 20 oxypropylene units, and from 0 to 20 oxyethylene units.

250. The composition according to claim 172, wherein said at least one amphiphilic compound comprises a lipophilic part linked to a polar part, wherein the

polar part is a residue of a compound chosen from alcohols and polyols comprising from 1 to 12 hydroxyl groups, and polyoxyalkylenes comprising at least 2 oxyalkylene units, from 0 to 20 oxypropylene units, and from 0 to 20 oxyethylene units.

251. The composition according to claim 195, wherein said at least one amphiphilic compound comprises a lipophilic part linked to a polar part, wherein the polar part is a residue of a compound chosen from alcohols and polyols comprising from 1 to 12 hydroxyl groups, and polyoxyalkylenes comprising at least 2 oxyalkylene units, from 0 to 20 oxypropylene units, and from 0 to 20 oxyethylene units.

252. The anhydrous composition according to claim 53, wherein said at least one apolar oil is squalane.

253. The composition according to claim 144, wherein said at least one apolar oil is squalane.

254. The anhydrous composition according to claim 68, wherein said esters of fatty acids are chosen from esters of fatty acids comprising from 20 to 65 carbon atoms.

255. The anhydrous composition according to claim 68, wherein said esters of fatty alcohols are chosen from esters of fatty alcohols comprising from 20 to 65 carbon atoms.

256. The composition according to claim 161, wherein said esters of fatty acids are chosen from esters of fatty acids comprising from 20 to 65 carbon atoms.

257. The composition according to claim 161, wherein said esters of fatty alcohols are chosen from esters of fatty alcohols comprising from 20 to 65 carbon atoms.

258. The anhydrous composition according to claim 210, wherein said esters of fatty acids are chosen from esters of fatty acids comprising from 20 to 65 carbon atoms.

259. The anhydrous composition according to claim 210, wherein said esters of fatty alcohols are chosen from esters of fatty alcohols comprising from 20 to 65 carbon atoms.

260. The anhydrous composition according to claim 17, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 10,000.

261. The anhydrous composition according to claim 19, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 8,000.

262. The composition according to claim 108, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 10,000.

263. The composition according to claim 110, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 8,000.

264. The anhydrous composition according to claim 1, wherein said polymer skeleton further comprises at least one repeating unit chosen from silicone units and oxyalkylene units, the at least one repeating unit being between the hydrocarbon-based repeating units.

265. The anhydrous composition according to claim 264, wherein said silicone unit forms an organopolysiloxane backbone.

266. The composition according to claim 92, wherein said polymer skeleton further comprises at least one repeating unit chosen from silicone units and oxyalkylene units, the at least one repeating unit being between the hydrocarbon-based repeating units.

267. The composition according to claim 266, wherein said silicone unit forms an organopolysiloxane backbone.

268. The anhydrous composition according to claim 48, wherein said at least one structuring polymer is present in the composition in an amount ranging from 5% to 25% by weight relative to the total weight of the composition.

269. The composition according to claim 139, wherein said at least one structuring polymer is present in the composition in an amount ranging from 5% to 25% by weight relative to the total weight of the composition.

270. The anhydrous composition according to claim 51, wherein said composition has a hardness ranging from 30 to 150 g.

271. The anhydrous composition according to claim 270, wherein said composition has a hardness ranging from 30 to 120 g.

272. The anhydrous composition according to claim 271, wherein said composition has a hardness ranging from 30 to 50 g.

273. The composition according to claim 142, wherein said composition has a hardness ranging from 30 to 150 g.

274. The composition according to claim 273, wherein said composition has a hardness ranging from 30 to 120 g.

275. The composition according to claim 274, wherein said composition has a hardness ranging from 30 to 50 g.

276. The anhydrous composition according to claim 87, wherein said at least one coloring agent is present in a proportion of from 0.5% to 40% relative to the total weight of the composition.

277. The anhydrous composition according to claim 276, wherein said at least one coloring agent is present in a proportion of from 5% to 30% relative to the total weight of the composition.

278. The anhydrous composition according to claim 277, wherein said at least one coloring agent is present in a proportion of from 5% to 25% relative to the total weight of the composition.

279. The composition according to claim 180, wherein said at least one coloring agent is present in a proportion of from 0.5% to 40% relative to the total weight of the composition.

280. The composition according to claim 279, wherein said at least one coloring agent is present in a proportion of from 5% to 30% relative to the total weight of the composition.

281. The composition according to claim 280, wherein said at least one coloring agent is present in a proportion of from 5% to 25% relative to the total weight of the composition.

282. A method for conferring long wearing properties on a composition comprising:

(a) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom and at least one of:

at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, optionally functionalized, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group and wherein said at least one terminal fatty chain comprises from 12 to 120 carbon atoms; and

at least one pendant fatty chain chosen from alkyl chains and alkenyl chains, optionally functionalized, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group and wherein said at least one terminal fatty chain comprises from 12 to 120 carbon atoms,

wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 40% to 98% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer; and

(b) at least one pasty fatty substance, wherein said at least one pasty fatty substance comprises at least one liquid fraction and at least one solid fraction at room temperature.

283. The method according to claim 282, wherein said at least one structuring polymer is a polyamide comprising at least one terminal fatty chain functionalized with an ester comprising a hydrocarbon-based chain having from 10 to 42 carbon atoms.

284. A method according to claim 282, further comprising at least one amphiphilic compound which is liquid at room temperature and which has an HLB value of less than 12.

285. A method according to claim 284, wherein said at least one amphiphilic compound has an HLB value of less than 8.

286. A method according to claim 284, wherein said at least one amphiphilic compound has an HLB value ranging from 1 to 7.

287. A method according to claim 284, wherein said at least one amphiphilic compound has an HLB value ranging from 1 to 5.

518979

PENDING CLAIMS  
Application No. 09/971,028  
Attorney Docket No. 05725.0895-00000  
Filed: October 5, 2001

1. - 195. (Cancelled).

196. A method for making-up eyelashes comprising applying to said eyelashes  
a mascara comprising:

(i) at least one coloring agent;

(ii) at least one polyamide polymer chosen from ethylenediamine/stearyl  
dimer tallate copolymer;

(iii) at least one preservative;

(iv) water;

(v) PVP;

(vi) neutralized stearic acid; and

(vii) glyceryl stearate.

197. - 203. (Cancelled).

204. A method for making a mascara comprising including in said mascara:

(i) at least one coloring agent;

(ii) at least one polyamide polymer chosen from ethylenediamine/stearyl  
dimer tallate copolymer;

(iii) at least one preservative;

(iv) water;

(v) PVP;

(vi) neutralized stearic acid; and

(vii) glyceryl stearate.

205. - 206. (Cancelled).

207. A method for making-up eyelashes according to claim 196, wherein said stearic acid is neutralized by at least one amine compound in an amount less than the amount of said at least one polyamide polymer.

208. A method for making a mascara according to claim 204, wherein said stearic acid is neutralized by at least one amine compound in an amount less than the amount of said at least one polyamide polymer.



PENDING CLAIMS  
Application No. 10/413,217  
Attorney Docket No. 05725.0895-01000  
Filed: April 15, 2003

191. A method for making-up eyelashes comprising applying to said eyelashes a mascara comprising:

- (i) neutralized stearic acid;
- (ii) at least one polyamide polymer chosen from ethylenediamine/stearyl dimer tallate copolymer;
- (iii) water;
- (iv) at least one coloring agent; and
- (v) at least one preservative.

192. A method for making a mascara comprising including in said mascara:

- (i) at least one coloring agent;
- (ii) at least one polyamide polymer chosen from ethylenediamine/stearyl dimer tallate copolymer;

- (iii) at least one preservative;
- (iv) water; and
- (v) neutralized stearic acid.

193. A method for making-up eyelashes according to claim 191, wherein said stearic acid is neutralized by at least one amine compound in an amount less than the amount of said at least one polyamide polymer.

194. A method for making a mascara according to claim 192, wherein said stearic acid is neutralized by at least one amine compound in an amount less than the amount of said at least one polyamide polymer.

195. A method for making-up eyelashes according to claim 191, wherein said mascara further comprises PVP.

196. A method for making-up eyelashes according to claim 191, wherein said mascara further comprises glyceryl stearate.

197. A method of making a mascara according to claim 192, comprising further including PVP.

198. A method of making a mascara according to claim 192, comprising further including glyceryl stearate.

199. A method for making a mascara comprising mixing

- (i) at least one coloring agent;
- (ii) at least one polyamide polymer chosen from ethylenediamine/stearyl dimer tallate copolymer;
- (iii) at least one preservative;
- (iv) water;
- (v) stearic acid; and
- (vi) at least one amine base.

200. A method for making a mascara according to claim 199, further comprising mixing PVP.

201. A method for making a mascara according to claim 199, further comprising mixing glyceryl stearate.

202. A method for making a mascara comprising mixing

- (i) at least one coloring agent;
- (ii) at least one polyamide polymer chosen from ethylenediamine/stearyl dimer tallate copolymer;
- (iii) at least one preservative;
- (iv) water;
- (v) stearic acid;
- (vi) at least one amine base;
- (vii) PVP; and
- (viii) glyceryl stearate.

203. A method for making-up eyelashes comprising applying to said eyelashes a mascara made by mixing

- (i) at least one coloring agent;
- (ii) at least one polyamide polymer chosen from ethylenediamine/stearyl dimer tallate copolymer;
- (iii) at least one preservative;

- (iv) water;
- (v) stearic acid; and
- (vi) at least one amine base.

204. A method for making-up eyelashes according to claim 203, wherein said mascara is made by further mixing PVP.

205. A method for making- up eyelashes according to claim 203, wherein said mascara is made by further mixing glyceryl stearate.

206. A method for making-up eyelashes comprising applying to said eyelashes a mascara made by mixing

- (i) at least one coloring agent;
- (ii) at least one polyamide polymer chosen from ethylenediamine/stearyl dimer tallate copolymer;
- (iii) at least one preservative;
- (iv) water;
- (v) stearic acid;
- (vi) at least one amine base;
- (vii) PVP; and
- (viii) glyceryl stearate.

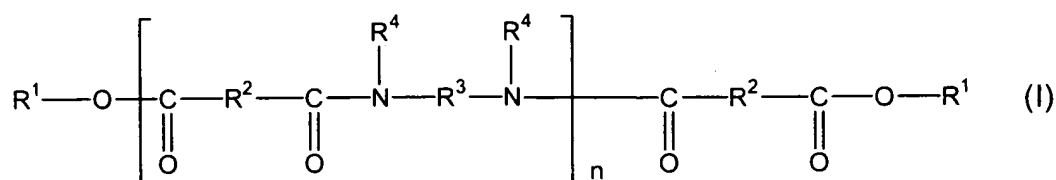
PENDING CLAIMS  
Application No. 10/699,780  
Attorney Docket No. 05725.0895-02000  
Filing Date: November 4, 2003

1. (Original) A method for dispersing at least one coloring agent in a cosmetic composition comprising:  
including in said cosmetic composition:  
(i) at least one heteropolymer comprising:  
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom  
in an amount effective to disperse said at least one coloring agent.
2. (Original) The method according to claim 1, wherein said at least one heteropolymer further comprises at least one of:  
at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and  
at least one pendant fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group.
3. (Original) The method according to claim 2, wherein said alkyl chains and said alkenyl chains each comprise at least four carbon atoms.
4. (Cancelled)
5. (Cancelled)
6. (Original) The method according to claim 2, wherein said at least one linking group is chosen from direct bonds, urea groups, urethane groups, thiourea

groups, thiourethane groups, thioether groups, thioester groups, ester groups, ether groups, and amine groups.

7-27. (Cancelled)

28. (Original) The method according to claim 1, wherein said at least one heteropolymer is chosen from polyamide polymers of formula (I):



in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;
- R<sup>1</sup>, which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;
- R<sup>2</sup>, which are identical or different, are each chosen from C<sub>4</sub> to C<sub>42</sub> hydrocarbon-based groups with the proviso that at least 50% of all R<sup>2</sup> are chosen from C<sub>30</sub> to C<sub>42</sub> hydrocarbon-based groups;
- R<sup>3</sup>, which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms, with the proviso that R<sup>3</sup> comprises at least 2 carbon atoms; and
- R<sup>4</sup>, which are identical or different, are each chosen from hydrogen atoms, C<sub>1</sub> to C<sub>10</sub> alkyl groups and direct bonds to at least one group chosen from R<sup>3</sup> and another R<sup>4</sup> such that when said at least one group is chosen from another R<sup>4</sup>, the nitrogen atom to which both R<sup>3</sup> and R<sup>4</sup> are bonded forms part of a heterocyclic structure defined in part by R<sup>4</sup>-N-R<sup>3</sup>, with the proviso that at least 50% of all R<sup>4</sup> are chosen from hydrogen atoms.

29-39. (Cancelled)

40. (Original) The method according to claim 1, wherein said at least one heteropolymer has a softening point greater than 50°C.

41-46. (Cancelled)

47. (Original) The method according to claim 1, wherein said cosmetic composition further comprises at least one liquid fatty phase.

48-71. (Cancelled)

72. (Original) The method according to claim 1, further comprising at least one polysaccharide resin.

73. (Cancelled)

74. (Cancelled)

75. (Original) The method according to claim 1, further comprising at least one film former.

76-79. (Cancelled)

80. (Original) The method according to claim 1, further comprising at least one fatty alcohol.

81-95. (Cancelled)

96. (Original) A method of providing at least one property chosen from gloss and intense color to a cosmetic composition, comprising including in said cosmetic composition:

(i) at least one heteropolymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one coloring agent,

wherein said at least one heteropolymer is present in an amount effective to disperse said at least one coloring agent.

97. (Original) The method according to claim 96, wherein said at least one heteropolymer further comprises at least one of:

at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

at least one pendant fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group.

98. (Original) The method according to claim 97, wherein said alkyl chains and said alkenyl chains each comprise at least four carbon atoms.

99. (Cancelled)

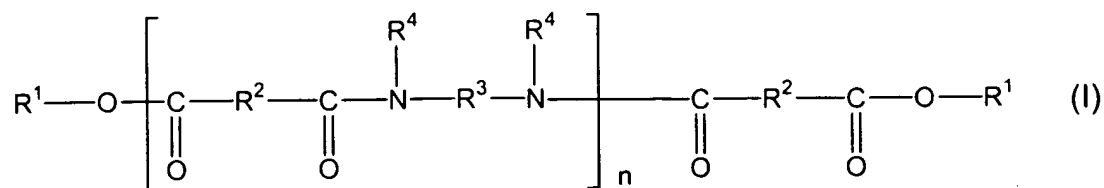
100. (Cancelled)

101. (Original) The method according to claim 97, wherein said at least one linking group is chosen from direct bonds, urea groups, urethane groups, thiourea groups, thiourethane groups, thioether groups, thioester groups, ester groups, ether groups, and amine groups.



102-122. (Cancelled)

123. (Original) The method according to claim 96, wherein said at least one heteropolymer is chosen from polyamide polymers of formula (I):



in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;
- $\text{R}^1$ , which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;
- $\text{R}^2$ , which are identical or different, are each chosen from  $\text{C}_4$  to  $\text{C}_{42}$  hydrocarbon-based groups with the proviso that at least 50% of all  $\text{R}^2$  are chosen from  $\text{C}_{30}$  to  $\text{C}_{42}$  hydrocarbon-based groups;
- $\text{R}^3$ , which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms, with the proviso that  $\text{R}^3$  comprises at least 2 carbon atoms; and
- $\text{R}^4$ , which are identical or different, are each chosen from hydrogen atoms,  $\text{C}_1$  to  $\text{C}_{10}$  alkyl groups and direct bonds to at least one group chosen from  $\text{R}^3$  and another  $\text{R}^4$  such that when said at least one group is chosen from another  $\text{R}^4$ , the nitrogen atom to which both  $\text{R}^3$  and  $\text{R}^4$  are bonded forms part of a heterocyclic structure defined in part by  $\text{R}^4-\text{N}-\text{R}^3$ , with the proviso that at least 50% of all  $\text{R}^4$  are chosen from hydrogen atoms.

124-134. (Cancelled)

135. (Original) The method according to claim 96, wherein said at least one heteropolymer has a softening point greater than 50°C.

136-141. (Cancelled)

142. (Original) The method according to claim 96, wherein said cosmetic composition further comprises at least one liquid fatty phase.

143-166. (Cancelled)

167. (Original) The method according to claim 96, further comprising at least one polysaccharide resin.

168. (Cancelled)

169. (Cancelled)

170. (Original) The method according to claim 96; further comprising at least one film former.

171-174. (Cancelled)

175. (Original) The method according to claim 96, further comprising at least one fatty alcohol.

176-190. (Cancelled)

PENDING CLAIMS

Application No. 10/198,931

Attorney Docket No. 05725.0896

Filed: July 22, 2002

1. A composition comprising:

(i) at least one heteropolymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom;  
and

(ii) fibers,

(iii) at least one compound chosen from at least one polysaccharide resin and at least one copolymer film former chosen from di-block, tri-block, multi-block, and radial copolymers,

wherein said at least one heteropolymer is present in an amount effective to disperse said fibers.

2. The composition according to claim 1, wherein said at least one heteropolymer further comprises at least one of:

at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

at least one pendant fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group.

3. The composition according to claim 2, wherein said alkyl chains and said alkenyl chains each comprise at least four carbon atoms.

4. The composition according to claim 2, wherein said at least one linking group is chosen from single bonds and urea, urethane, thiourea, thiourethane, thioether, thioester, ester, ether and amine groups.

5. The composition according to claim 4, wherein said at least one linking group is an ester group present in a proportion ranging from 15% to 40% of the total number of all ester and hetero atom groups in the at least one heteropolymer.

6. The composition according to claim 2, wherein said at least one terminal fatty chain is functionalized.

7. The composition according to claim 2, wherein said at least one pendant fatty chain is functionalized.

8. The composition according to claim 1, wherein said at least one heteropolymer has a weight-average molecular mass of less than 100,000.

9. The composition according to claim 1, wherein said at least one hydrocarbon based repeating unit comprises from 2 to 80 carbon atoms.

10. The composition according to claim 1, wherein said at least one hydrocarbon based repeating unit is chosen from saturated and unsaturated hydrocarbon-based units which are chosen from linear hydrocarbon-based repeating units, branched hydrocarbon-based repeating units and cyclic hydrocarbon-based repeating units.

11. The composition according to claim 1, wherein said at least one hetero atom of said at least one hydrocarbon-based repeating unit is chosen from nitrogen, sulphur, and phosphorus.

12. The composition according to claim 11, wherein said at least one hetero atom is a nitrogen atom.

13. The composition according to claim 12, wherein said at least one hetero atom is combined with at least one atom chosen from oxygen and carbon to form a hetero atom group.

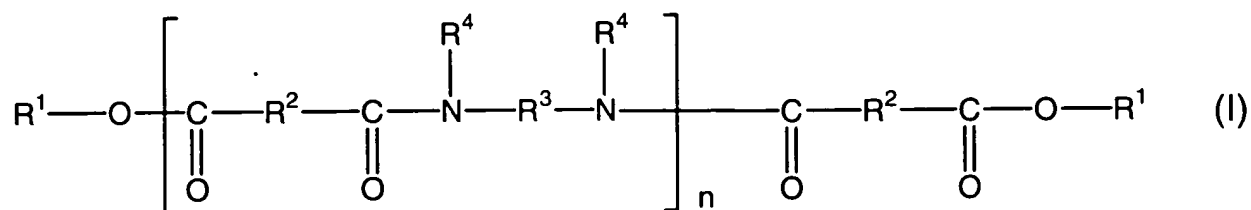
14. The composition according to claim 13, wherein said at least one hetero atom group further comprises a carbonyl group.

15. The composition according to claim 13, wherein said at least one hetero atom group is chosen from amide groups, carbamate groups, and urea groups.

16. The composition according to claim 15, wherein said at least one hetero atom group is an amide group and said polymer skeleton is a polyamide skeleton.

17. The composition according to claim 15, wherein said at least one hetero atom group is chosen from carbamate groups and urea groups and said polymer skeleton is chosen from a polyurethane skeleton, a polyurea skeleton and a polyurethane-polyurea skeleton.

18. The composition according to claim 1, wherein said at least one heteropolymer is chosen from polyamide polymers of formula (I):



in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;

- $R^1$ , which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;
- $R^2$ , which are identical or different, are each chosen from  $C_4$  to  $C_{42}$  hydrocarbon-based groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon-based groups;
- $R^3$ , which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms, with the proviso that  $R^3$  comprises at least 2 carbon atoms; and
- $R^4$ , which are identical or different, are each chosen from hydrogen atoms,  $C_1$  to  $C_{10}$  alkyl groups and a direct bond to at least one group chosen from  $R^3$  and another  $R^4$  such that when said at least one group is chosen from another  $R^4$ , the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined in part by  $R^4-N-R^3$ , with the proviso that at least 50% of all  $R^4$  are chosen from hydrogen atoms.

19. The composition according to claim 18, wherein in said formula (I),  $n$  is an integer ranging from 1 to 5.

20. The composition according to claim 1, further comprising at least one liquid fatty phase.

21. The composition according to claim 20, wherein said at least one liquid fatty phase of the composition comprises at least one oil.

22. The composition according to claim 21, wherein said at least one oil is chosen from at least one polar oil and at least one apolar oil.

23. The composition according to claim 22, wherein said at least one polar oil is chosen from:

- hydrocarbon-based plant oils with a high content of triglycerides comprising fatty acid esters of glycerol in which the fatty acids comprise chains having from 4 to 24 carbon

atoms, said chains optionally being chosen from linear and branched, and saturated and unsaturated chains;

- synthetic oils or esters of formula  $R_5COOR_6$  in which  $R_5$  is chosen from linear and branched fatty acid residues comprising from 1 to 40 carbon atoms and  $R_5 + R_6 \geq 10$ ;
- synthetic ethers comprising from 10 to 40 carbon atoms;
- $C_8$  to  $C_{26}$  fatty alcohols; and
- $C_8$  to  $C_{26}$  fatty acids.

24. The composition according to claim 22, wherein said at least one apolar oil is chosen from:

- silicone oils chosen from volatile and non-volatile, linear and cyclic polydimethylsiloxanes that are liquid at room temperature;
- polydimethylsiloxanes comprising alkyl or alkoxy groups which are pendant and/or at the end of the silicone chain, the groups each comprising from 2 to 24 carbon atoms;
- phenylsilicones; and
- hydrocarbons chosen from linear and branched, volatile and non-volatile hydrocarbons of synthetic and mineral origin.

25. The composition according to claim 20, wherein said at least one liquid fatty phase comprises at least one non-volatile oil.

26. The composition according to claim 25, wherein said at least one non-volatile oil is chosen from hydrocarbon-based oils of mineral, plant and synthetic origin, synthetic esters and ethers, and silicone oils.

27. The composition according to claim 26, wherein said at least one liquid fatty phase is present in an amount ranging from 1% to 99% by weight relative to the total weight of the composition.

28. The composition according to claim 20, wherein said at least one liquid fatty phase comprises at least one volatile solvent chosen from hydrocarbon-based solvents and silicone solvents optionally comprising alkyl or alkoxy groups that are pendant or at the end of a silicone chain.

29. The composition according to claim 1, wherein said fibers are chosen from natural and synthetic fibers.

30. The composition according to claim 29, wherein said natural fibers are chosen from cotton, silk, wool, and other keratin fibers.

31. The composition according to claim 29, wherein said synthetic fibers are chosen from polyester, rayon, nylon and other polyamide fibers.

32. The composition according to claim 28, wherein said fibers have an average length ranging from 0.5 mm to 4.0 mm.

33. The composition according to claim 32, wherein said fibers have an average length ranging from 1.5 mm to 2.5 mm.

34. The composition according to claim 1, wherein said fibers are present in the composition in an amount ranging from 0.5% to 10% relative to the total weight of the composition.

35. The composition according to claim 1, further comprising at least one film former different from said at least one polysaccharide resin.

36. The composition according to claim 1, wherein the composition is in a form chosen from a fluid gel, rigid gel, fluid simple emulsion, rigid simple emulsion, fluid multiple emulsion, and rigid multiple emulsion.

37. A composition comprising:

(i) at least one heteropolymer comprising:



a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom;  
and

(ii) fibers,

(iii) at least one polysaccharide resin, and

(iv) at least one copolymer film former chosen from di-block, tri-block, multi-block, and radial copolymers,

wherein said at least one heteropolymer is present in an amount effective to disperse said fibers.

38. A method for dispersing fibers in a cosmetic composition which comprises fibers comprising

including in said cosmetic composition:

(i) at least one heteropolymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom

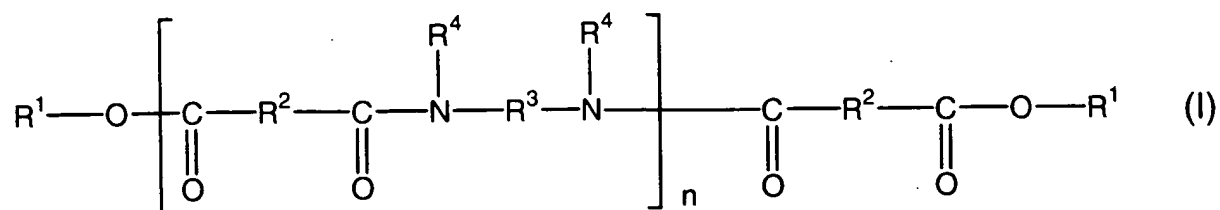
in an amount effective to disperse said fibers.

39. The method according to claim 38, wherein said at least one heteropolymer further comprises at least one of:

at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

at least one pendant fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group.

40. The method according to claim 39, wherein said at least one heteropolymer is chosen from polyamide polymers of formula (I):



in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;
- R<sup>1</sup>, which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;
- R<sup>2</sup>, which are identical or different, are each chosen from C<sub>4</sub> to C<sub>42</sub> hydrocarbon-based groups with the proviso that at least 50% of all R<sup>2</sup> are chosen from C<sub>30</sub> to C<sub>42</sub> hydrocarbon-based groups;
- R<sup>3</sup>, which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms, with the proviso that R<sup>3</sup> comprises at least 2 carbon atoms; and
- R<sup>4</sup>, which are identical or different, are each chosen from hydrogen atoms, C<sub>1</sub> to C<sub>10</sub> alkyl groups and a direct bond to at least one group chosen from R<sup>3</sup> and another R<sup>4</sup> such that when said at least one group is chosen from another R<sup>4</sup>, the nitrogen atom to which both R<sup>3</sup> and R<sup>4</sup> are bonded forms part of a heterocyclic structure defined in part by R<sup>4</sup>-N-R<sup>3</sup>, with the proviso that at least 50% of all R<sup>4</sup> are chosen from hydrogen atoms.

41. The method according to claim 38, wherein said cosmetic composition further comprises at least one liquid fatty phase.

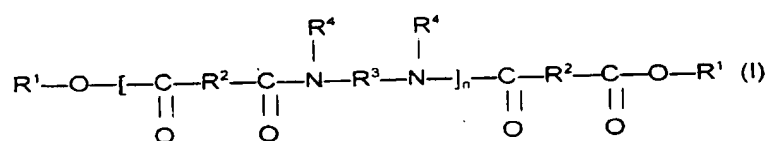
42. The method according to claim 38, wherein said cosmetic composition further comprises at least one compound chosen from at least one polysaccharide resin and at least one copolymer film former chosen from di-block, tri-block, multi-block, and radial copolymers.



PENDING CLAIMS  
U.S. Patent No. 6,432,391  
Attorney Docket No. 05725.0920-00000  
Filed: July 9, 2001

1. A product comprising:  
  
a transparent anhydrous solid composition cosmetic composition comprising a physiologically acceptable medium,  
  
wherein said physiologically acceptable medium comprises at least one odorous substance in an amount of at least 2 % by weight with respect to a total weight of the composition; and a liquid fatty phase comprising at least one polymer,  
  
wherein said at least one polymer has a weight-average molecular mass ranging from 1,000 to 30,000, and comprises a) a polymer backbone comprising hydrocarbonaceous repeat units comprising at least one heteroatom and b) at least one fatty chain chosen from pendant and end fatty chains, wherein said at least one fatty chain is optionally functionalised; comprises from 12 to 120 carbon atoms; and is bonded to at least one of the hydrocarbonaceous repeat units.
2. The product according to Claim 1, wherein the liquid fatty phase comprises at least one polar oil and at least one nonpolar oil.
3. The product according to Claim 1, wherein said composition comprises at least one oil chosen from esters of C<sub>8</sub>-C<sub>24</sub> fatty acids and of at least one source of -OH chosen from polyols and C<sub>12</sub> to C<sub>26</sub> saturated fatty alcohols.
4. The product according to Claim 1, wherein said composition comprises octyldodecanol.

5. The product according to Claim 1, wherein at least one of the hydrocarbonaceous repeat units comprises at least one amide.
6. The product according to Claim 1, wherein the at least one polymer comprises the at least one fatty chain in an amount ranging from 40 to 98% of a total number of the repeat units with a heteroatom and of the at least one fatty chain.
7. The product according to Claim 1, wherein the at least one polymer comprises the at least one fatty chain in an amount ranging from 50 to 95% of a total number of the repeat units with a heteroatom and of the at least one fatty chain.
8. The product according to Claim 1, wherein the at least one fatty chain is bonded directly to at least one heteroatom in the polymer backbone.
9. The product according to Claim 1, wherein said at least one fatty chain comprises from 12 to 68 carbon atoms.
10. The composition according Claim 1, wherein the at least one polymer has a weight-average molecular mass ranging from 2,000 to 20,000.
11. The composition according Claim 1, wherein the at least one polymer has a weight-average molecular mass ranging from 2,000 to 10,000.
12. The product according to Claim 1, wherein the at least one polymer comprises at least one polymer of formula (I):



wherein  $n$  denotes a whole number of amide units, with the proviso that the polymer of formula (I) comprises ester groups in an amount ranging from 10 to 50% of a total number of ester and amide groups;

each  $R^1$  is, independently, chosen from alkyl and alkenyl groups comprising at least 4 carbon atoms;

each  $R^2$  is, independently, chosen from  $C_4$  to  $C_{42}$  hydrocarbonaceous groups, with the proviso that at least 50% of the  $R^2$  groups are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbonaceous group;

each  $R^3$  is, independently, chosen from organic groups comprising at least 2 carbon atoms, at least one hydrogen atom, and optionally at least one atom chosen from oxygen and nitrogen atoms; and

each  $R^4$  is, independently, chosen from a hydrogen atom,  $C_1$  to  $C_{10}$  alkyl groups, and a direct bond to one of  $R^3$  and another  $R^4$  such that the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined by  $R^4-N-R^3$ , with the proviso that at least 50% of the  $R^4$  groups are chosen from a hydrogen atom.

13. The composition according Claim 12, wherein each  $R^1$  is, independently, chosen from  $C_{12}$  to  $C_{22}$  alkyl groups.

14. The product according to Claim 12, wherein each  $R^2$  is, independently, chosen from groups comprising from 30 to 42 carbon atoms.

15. The product according to Claim 1, wherein the at least one polymer is chosen from copolymers of a  $C_{36}$  diacid condensed with ethylenediamine, wherein said copolymers are

esterified with at least one of cetylstearyl alcohol and stearyl alcohol; polyamide resins resulting from the condensation of an aliphatic dicarboxylic acid and of a diamine, wherein carbonyl and amine groups of adjacent individual units are condensed via an amide bond; polyamides of fatty acid dimers and of aliphatic diamines; and polyamides comprising dimeric fatty acids.

16. The product according to Claim 1, wherein the composition comprises the at least one polymer in an amount ranging from 0.5 to 50% of the total weight of the composition.

17. The product according to Claim 1, wherein the composition comprises the at least one polymer in an amount ranging from 5 to 40% of the total weight of the composition.

18. The product according to Claim 1, wherein the at least one odorous substance comprises at least one of a fragrance and an aroma of natural and synthetic origins, and mixtures thereof.

19. The product according to Claim 1, wherein the composition comprises the at least one odorous substance in an amount ranging from 2 to 15% by weight with respect to the total weight of the composition.

20. The product according to Claim 1, wherein the composition comprises the at least one odorous substance in an amount ranging from 3 to 12% with respect to the total weight of the composition.

21. The composition according Claim 1, wherein the composition comprises the liquid fatty phase in an amount of at least 20% by weight with respect to a total weight of the composition.



22. The product according to Claim 1, wherein the composition comprises the liquid fatty phase in an amount ranging from 20 to 88.5% by weight with respect to the total weight of the composition.

23. The product according to Claim 1, wherein said cosmetic composition is configured for at least one of scenting, caring for, treating, and making up keratinous substances.

24. The product according to Claim 1, wherein said composition has a hardness with a strength ranging from 5 to 600 grams.

25. The product according to Claim 1, wherein said product comprises one of a transparent stick and a cast product.

26. The product according to Claim 1, wherein said cosmetic composition is configured as a cosmetic scenting product.

27. The product according to Claim 1, wherein said cosmetic composition is colored.

28. The product according to Claim 1, wherein said cosmetic composition comprises at least one particulate component.

29. A cosmetic process for the scenting of the keratinous substances of human beings, comprising applying to a keratinous substances a product comprising a transparent anhydrous solid composition cosmetic composition comprising a physiologically acceptable medium,

wherein said physiologically acceptable medium comprises at least one odorous substance in an amount of at least 2 % by weight with respect to a total weight of the composition; and a liquid fatty phase comprising at least one polymer,

wherein said at least one polymer has a weight-average molecular mass ranging from 1,000 to 30,000, and comprises a) a polymer backbone comprising hydrocarbonaceous repeat units comprising at least one heteroatom and b) at least one fatty chain chosen from pendant and end fatty chains, wherein said at least one fatty chain is optionally functionalised; comprises from 12 to 120 carbon atoms; and is bonded to at least one of the hydrocarbonaceous repeat units.

30. A product comprising:

a transparent anhydrous solid composition cosmetic composition comprising a physiologically acceptable medium,

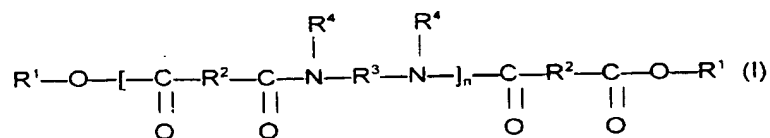
wherein said physiologically acceptable medium comprises at least one odorous substance in an amount of at least 2 % by weight; and a liquid fatty phase comprising at least one polyamide,

wherein said at least one polyamide has a weight-average molecular mass ranging from 1,000 to 30,000, and comprises a) a polymer backbone comprising amide repeat units and b) optionally at least one fatty chain chosen from pendant and end fatty chains, wherein said at least one fatty chain is optionally functionalised; comprises from 12 to 120 carbon atoms; and is bonded to at least one of the amide units.

31. The product according to Claim 30, wherein the liquid fatty phase comprises at least one polar oil and at least one nonpolar oil.

32. The product according to Claim 30, wherein said composition comprises at least one oil chosen from esters of C<sub>8</sub>-C<sub>24</sub> fatty acids and of at least one source of -OH chosen from polyols and C<sub>12</sub> to C<sub>26</sub> saturated fatty alcohols.

33. The product according to Claim 30, wherein said composition comprises octyldodecanol.
34. The product according to Claim 30, wherein the at least one polyamide comprises at least one pendant fatty chain bonded directly to at least one nitrogen atom of the amide repeat units.
35. The product according to Claim 30, wherein the at least one polyamide comprises at least one end fatty chain bonded to the polymer backbone via at least one ester group.
36. The product according to Claim 30, wherein the at least one polyamide comprises the at least one fatty chain in an amount ranging from 40 to 98% of a total number of the amide units and of the at least one fatty chain.
37. The composition according Claim 30, wherein the at least one polyamide comprises the at least one fatty chain in an amount ranging from 50 to 95% of a total number of the amide units and of the at least one fatty chain.
38. The product according to Claim 30, wherein the at least one polyamide comprises said at least one fatty chain and said at least one fatty chain comprises from 12 to 68 carbon atoms.
39. The composition according Claim 30, wherein the at least one polyamide has a weight-average molecular mass ranging from 2,000 to 20,000.
40. The composition according Claim 30, wherein the at least one polyamide has a weight-average molecular mass ranging from 2,000 to 10,000.
41. The product according to Claim 30, wherein the at least one polyamide is chosen from polyamide of formula (I):



wherein n denotes a whole number of amide units, with the proviso that that the polymer of formula (I) comprises ester groups in an amount ranging from 10 to 50% of a total number of ester and amide groups;

each  $R^1$  is, independently, chosen from alkyl and alkenyl groups comprising at least 4 carbon atoms;

each  $R^2$  is, independently, chosen from  $C_4$  to  $C_{42}$  hydrocarbonaceous groups, with the proviso that at least 50% of the  $R^2$  groups are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbonaceous group;

each  $R^3$  is, independently, chosen from organic groups comprising at least 2 carbon atoms, at least one hydrogen atom, and optionally at least one atom chosen from oxygen and nitrogen atoms; and

each  $R^4$  is, independently, chosen from a hydrogen atom,  $C_1$  to  $C_{10}$  alkyl groups, and a direct bond to one of  $R^3$  and another  $R^4$  such that the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined by  $R^4-N-R^3$ , with the proviso that at least 50% of the  $R^4$  groups are chosen from a hydrogen atom.

42. The composition according Claim 41, wherein each  $R^1$  is, independently, chosen from  $C_{12}$  to  $C_{22}$  alkyl groups.

43. The product according to Claim 41, wherein each  $R^2$  is, independently, chosen from groups comprising from 30 to 42 carbon atoms.
44. The product according to Claim 30, wherein the composition comprises the at least one polyamide in an amount ranging from 0.5 to 50% of the total weight of the composition.
45. The product according to Claim 30, wherein the composition comprises the at least one polyamide in an amount ranging from 5 to 40% of the total weight of the composition.
46. The product according to Claim 30, wherein the at least one odorous substance comprises at least one of a fragrance and an aroma of natural and synthetic origins, and mixtures thereof.
47. The product according to Claim 30, wherein the composition comprises the at least one odorous substance in an amount ranging from 2 to 15% by weight with respect to the total weight of the composition.
48. The product according to Claim 30, wherein the composition comprises the at least one odorous substance in an amount ranging from 3 to 12% with respect to the total weight of the composition.
49. The product according Claim 30, wherein the composition comprises the liquid fatty phase in an amount of at least 20% by weight with respect to a total weight of the composition.
50. The product according to Claim 30, wherein the composition comprises the liquid fatty phase in an amount ranging from 20 to 88.5% by weight with respect to the total weight of the composition.

51. The product according to Claim 30, wherein said cosmetic composition is configured for at least one of scenting, caring for, treating, and making up keratinous substances.

52. The product according to Claim 30, wherein said composition has a hardness with a strength ranging from 5 to 600 grams.

53. The product according to Claim 30, wherein said cosmetic composition comprises one of a transparent stick and a cast product.

54. The product according to Claim 30, wherein said cosmetic composition is configured as a cosmetic scenting product.

55. The product according to Claim 30, wherein said cosmetic composition is colored.

56. The product according to Claim 30, wherein said cosmetic composition comprises at least one particulate component.

57. A cosmetic process for the scenting of the keratinous substances of human beings, comprising applying to a keratinous substances a product comprising a transparent anhydrous solid composition cosmetic composition comprising a physiologically acceptable medium,

wherein said physiologically acceptable medium comprises at least one odorous substance in an amount of at least 2 % by weight; and a liquid fatty phase comprising at least one polyamide,

wherein said at least one polyamide has a weight-average molecular mass ranging from 1,000 to 30,000, and comprises a) a polymer backbone comprising amide repeat units and b) optionally at least one fatty chain chosen from pendant and end fatty chains,

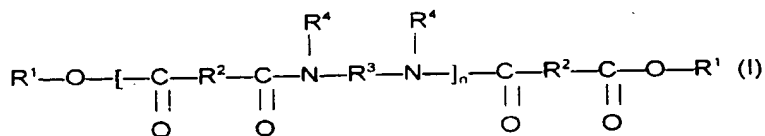
wherein said at least one fatty chain is optionally functionalised; comprises from 12 to 120 carbon atoms; and is bonded to at least one of the amide units

58. A method of controlling a persistence of at least one odorous substance on a cosmetic substrate comprising:

incorporating the at least one odorous substance in a cosmetic composition comprising a physiologically acceptable medium comprising at least one polymer in an amount effective for controlling the persistence of the at least one odorous substance, wherein said at least one polymer has a weight-average molecular mass ranging from 1,000 to 30,000; and comprises a) a polymer backbone comprising hydrocarbonaceous repeat units comprising at least one heteroatom and b) at least one fatty chain chosen from pendant and end fatty chains, wherein said fatty chains are optionally functionalised, comprise from 12 to 120 carbon atoms, and are bonded to the hydrocarbonaceous repeat units; and

applying said cosmetic composition to said cosmetic substrate.

59. The method according to Claim 58, wherein said at least one polymer is chosen from polymers of formula (I):



wherein  $n$  denotes a whole number of amide units, with the proviso that that the polymer of formula (I) comprises ester groups in an amount ranging from 10 to 50% of a total number of ester and amide groups;

each  $R^1$  is, independently, chosen from alkyl and alkenyl groups comprising at least 4 carbon atoms;

each  $R^2$  is, independently, chosen from  $C_4$  to  $C_{42}$  hydrocarbonaceous groups, with the proviso that at least 50% of the  $R^2$  groups are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbonaceous group;

each  $R^3$  is, independently, chosen from organic groups comprising at least 2 carbon atoms, at least one hydrogen atom, and optionally at least one atom chosen from oxygen and nitrogen atoms; and

each  $R^4$  is, independently, chosen from a hydrogen atom,  $C_1$  to  $C_{10}$  alkyl groups, and a direct bond to one of  $R^3$  and another  $R^4$  such that the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined by  $R^4-N-R^3$ , with the proviso that at least 50% of the  $R^4$  groups are chosen from a hydrogen atom.

60. The method according to Claim 58, wherein said controlling comprises enhancing the persistence of the least one odorous substance on the cosmetic substrate.

61. A method of controlling a persistence of at least one odorous substance on a cosmetic substrate comprising

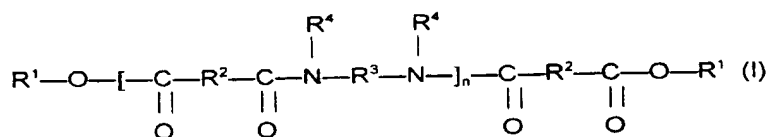
incorporating the at least one odorous substance in a cosmetic composition comprising a physiologically acceptable medium comprising at least one polyamide in an amount effective for controlling the persistence of the at least one odorous substance,



wherein said at least one polyamide has a weight-average molecular mass ranging from 1,000 to 30,000, and comprises a) a polymer backbone comprising amide repeat units and b) optionally at least one fatty chain chosen from pendant and end fatty chains, wherein said pendant and end fatty chains are optionally functionalized pendant, comprise from 12 to 120 carbon atoms which, and are bonded to the amide units; and

applying said cosmetic composition to said cosmetic substrate.

62. The method according to Claim 61, wherein said at least one polymer is chosen from polymers of formula (I):



wherein n denotes a whole number of amide units, with the proviso that that the polymer of formula (I) comprises ester groups in an amount ranging from 10 to 50% of a total number of ester and amide groups;

each R<sup>1</sup> is, independently, chosen from alkyl and alkenyl groups comprising at least 4 carbon atoms;

each R<sup>2</sup> is, independently, chosen from C<sub>4</sub> to C<sub>42</sub> hydrocarbonaceous groups, with the proviso that at least 50% of the R<sup>2</sup> groups are chosen from C<sub>30</sub> to C<sub>42</sub> hydrocarbonaceous group;

each  $R^3$  is, independently, chosen from organic groups comprising at least 2 carbon atoms, at least one hydrogen atom, and optionally at least one atom chosen from oxygen and nitrogen atoms; and

each  $R^4$  is, independently, chosen from a hydrogen atom,  $C_1$  to  $C_{10}$  alkyl groups, and a direct bond to one of  $R^3$  and another  $R^4$  such that the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined by  $R^4-N-R^3$ , with the proviso that at least 50% of the  $R^4$  groups are chosen from a hydrogen atom.

63. The method according to Claim 61, wherein said controlling comprises enhancing the persistence of the least one odorous substance on the cosmetic substrate.

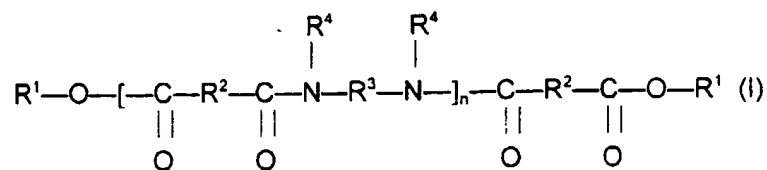
**ABSTRACT OF THE DISCLOSURE**

A transparent and optionally colored solid cosmetic composition comprising, in a physiologically acceptable medium, at least one odorous substance in an amount effective for scenting a cosmetic substrate and a liquid fatty phase comprising at least one polymer, chosen from: (1) polymers with a weight-average molecular mass ranging from 1,000 to 30,000, comprising a) a polymer backbone having hydrocarbonaceous repeat units provided with at least one heteroatom and b) at least one fatty chain chosen from pendant and end fatty chains, where the at least one fatty chain is optionally functionalised; comprises from 12 to 120 carbon atoms; and is bonded to at least one of the repeat units; and (2) polyamides with a weight-average molecular mass ranging from 1,000 to 30,000, comprising a) a polymer backbone comprising amide repeat units and b) optionally at least one fatty chain chosen from pendant and end fatty chains, where the at least one fatty chain is optionally functionalised; comprises from 12 to 120 carbon atoms; and is bonded to at least one of the amide units.

PENDING CLAIMS  
Application No.: 09/937,314  
Attorney Docket No. 05725.0932-00000  
Filed: September 24, 2001

133. A method of making a mascara comprising including in said mascara:

- (i) at least one volatile solvent,
- (ii) at least one polymer chosen from polymers of following formula (I):



in which n denotes a number of amide units, such that the number of ester groups represents from 10% to 50% of the total number of ester and amide groups; R<sup>1</sup> is, in each case, independently an alkyl or alkenyl group having at least 4 carbon atoms; R<sup>2</sup> independently represents, in each case, a C<sub>4</sub> to C<sub>42</sub> hydrocarbonaceous group, provided that 50% of the R<sup>2</sup> groups represent a C<sub>30</sub> to C<sub>42</sub> hydrocarbonaceous group; R<sup>3</sup> independently represents, in each case, an organic group provided with at least 2 carbon atoms, with hydrogen atoms and optionally with one or more oxygen or nitrogen atoms; and R<sup>4</sup> independently represents, in each case, a hydrogen atom, a C<sub>1</sub> to C<sub>10</sub> alkyl group or a direct bond to R<sup>3</sup> or another R<sup>4</sup>, so that the nitrogen atom to which both R<sup>3</sup> and R<sup>4</sup> are bonded forms part of a heterocyclic structure defined by R<sup>4</sup>-N-R<sup>3</sup>, with at least 50% of the R<sup>4</sup> groups representing a hydrogen atom;

- (iii) water;
- (iv) at least one coloring agent; and
- (v) at least one preservative.

134. The method for making a mascara according to claim 133, wherein said at least one volatile solvent is chosen from isododecane.

135. The method for making a mascara according to claim 134, wherein said at least one polymer is chosen from ethylenediamine/stearyl dimer tallate copolymer.

136. The method for making a mascara according to claim 135, wherein said mascara further comprises PVP.

137. The method for making a mascara according to claim 133, wherein said mascara further comprises PVP.

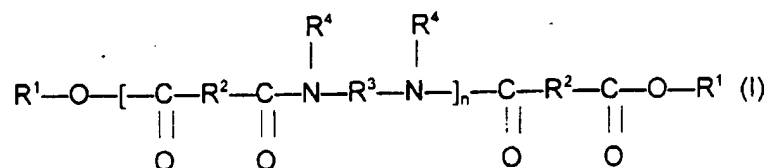
138. The method of making a mascara according to claim 133, further comprising a liquid fatty phase structured by said at least one polymer.

139. A method of making a mascara comprising including in said mascara:

- (i) at least one volatile solvent;
- (ii) at least one polymer chosen from ethylenediamine/stearyl dimer tallate copolymer;
- (iii) water;
- (iv) at least one coloring agent; and
- (v) at least one preservative.

140. A method for making up eyelashes comprising applying to said eyelashes a mascara comprising:

- (i) at least one volatile solvent;
- (ii) at least one polymer chosen from polymers of following formula (I):



in which n denotes a number of amide units, such that the number of ester groups represents from 10% to 50% of the total number of ester and amide groups; R<sup>1</sup> is, in each case, independently an alkyl or alkenyl group having at least 4 carbon atoms; R<sup>2</sup> independently represents, in each case, a C<sub>4</sub> to C<sub>42</sub> hydrocarbonaceous group, provided that 50% of the R<sup>2</sup> groups represent a C<sub>30</sub> to C<sub>42</sub> hydrocarbonaceous group; R<sup>3</sup> independently represents, in each case, an organic group provided with at least 2 carbon atoms, with hydrogen atoms and optionally with one or more oxygen or nitrogen atoms; and R<sup>4</sup> independently represents, in each case, a hydrogen atom, a C<sub>1</sub> to C<sub>10</sub> alkyl group or a direct bond to R<sup>3</sup> or another R<sup>4</sup>, so that the nitrogen atom to which both R<sup>3</sup> and R<sup>4</sup> are bonded forms part of a heterocyclic structure defined by R<sup>4</sup>-N-R<sup>3</sup>, with at least 50% of the R<sup>4</sup> groups representing a hydrogen atom;

- (iii) water;
- (iv) at least one coloring agent; and

(v) at least one preservative.

141. The method for making up eyelashes according to claim 140, wherein said at least one volatile solvent is chosen from isododecane.

142. The method for making up eyelashes according to claim 141, wherein said at least one polymer is chosen from ethylenediamine/stearyl dimer tallate copolymer.

143. The method for making up eyelashes according to claim 142, wherein said mascara further comprises PVP.

144. The method for making up eyelashes according to claim 140, wherein said mascara further comprises PVP.

145. The method for making up eyelashes according to claim 140, wherein said mascara further comprises a liquid fatty phase structured by said at least one polymer.

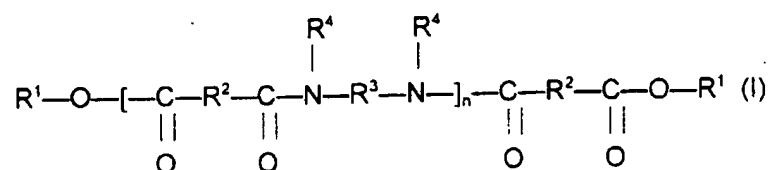
146. A method for making up eyelashes comprising applying to said eyelashes a mascara comprising:

- (i) at least one volatile solvent;
- (ii) at least one polymer chosen from ethylenediamine/stearyl dimer tallate copolymer;
- (iii) water;

- (iv) at least one coloring agent; and
- (v) at least one preservative.

147. A method for making a mascara comprising mixing:

- (i) at least one volatile solvent;
- (ii) at least one polymer chosen from polymers of following formula (I):



in which n denotes a number of amide units, such that the number of ester groups represents from 10% to 50% of the total number of ester and amide groups; R<sup>1</sup> is, in each case, independently an alkyl or alkenyl group having at least 4 carbon atoms; R<sup>2</sup> independently represents, in each case, a C<sub>4</sub> to C<sub>42</sub> hydrocarbonaceous group, provided that 50% of the R<sup>2</sup> groups represent a C<sub>30</sub> to C<sub>42</sub> hydrocarbonaceous group; R<sup>3</sup> independently represents, in each case, an organic group provided with at least 2 carbon atoms, with hydrogen atoms and optionally with one or more oxygen or nitrogen atoms; and R<sup>4</sup> independently represents, in each case, a hydrogen atom, a C<sub>1</sub> to C<sub>10</sub> alkyl group or a direct bond to R<sup>3</sup> or another R<sup>4</sup>, so that the nitrogen atom to which both R<sup>3</sup> and R<sup>4</sup> are bonded forms part of a heterocyclic structure defined by R<sup>4</sup>-N-R<sup>3</sup>, with at least 50% of the R<sup>4</sup> groups representing a hydrogen atom;

- (iii) water;



- (iv) at least one coloring agent;
- (v) at least one preservative; and
- (vi) at least one neutralizing agent.

148. The method for making a mascara according to claim 147, wherein said at least one volatile solvent is chosen from isododecane.

149. The method for making a mascara according to claim 148, wherein said at least one polymer is chosen from ethylenediamine/stearyl dimer tallate copolymer.

150. The method for making a mascara according to claim 149 wherein said mascara further comprises PVP.

151. The method for making a mascara according to claim 148, wherein said mascara further comprises PVP.

152. The method for making a mascara according to claim 147, wherein said mascara further comprises a liquid fatty phase structured by said at least one polymer.

153. A method for making a mascara comprising mixing:

- (i) at least one volatile solvent;
- (ii) at least one polymer chosen from ethylenediamine/stearyl dimer tallate copolymer;

- (iii) water;
- (iv) at least one coloring agent;
- (v) at least one preservative; and
- (vi) at least one neutralizing agent.

PENDING CLAIMS  
Application No. 10/012,029  
Attorney Docket No. 05725.1003-00000  
Filed: December 11, 2001

**CLAIMS 1-56 WERE CANCELLED IN PRELIMINARY AMENDMENT FILED JUNE 21, 2002**

57. A composition comprising, in a physiologically acceptable medium:

at least one first polymer with a weight-average molecular mass of less than 100,000, comprising:

a) a polymer skeleton comprising hydrocarbon-based repeating units, said units comprising at least one hetero atom in said skeleton, and

b) optionally at least one fatty chain chosen from at least one pendent fatty chain and at least one terminal fatty chain, the at least one fatty chain containing from 6 to 120 carbon atoms and being linked to the hydrocarbon-based units, the at least one fatty chain being optionally functionalized, and

a dispersion of particles of at least one second film-forming polymer that is insoluble in said medium.

58. The composition according to Claim 57, wherein the weight-average molecular mass of the first polymer is less than 50,000.

59. The composition according to Claim 57, wherein the at least one hetero atom is a nitrogen atom.

60. The composition according to Claim 57, wherein the hydrocarbon-based units comprising at least one hetero atom are chosen from amide groups.

61. The composition according to Claim 57, wherein the at least one fatty chain is present in an amount ranging from 40% to 98% of a total number of the hydrocarbon-based repeating units comprising the at least one hetero atom, and the at least one fatty chain.

62. The composition according to Claim 61, wherein the at least one fatty chain is present in an amount ranging from 50% to 95% of a total number of the hydrocarbon-based repeating units comprising the at least one hetero atom, and the at least one fatty chain.

63. The composition according to Claim 57, wherein said at least one fatty chain is chosen from at least one pendent fatty chain, and further wherein the at least one pendent fatty chain is linked directly to at least one of said at least one hetero atom.

64. The composition according to Claim 57, wherein the polymer skeleton of the at least one first polymer comprises at least one amide repeating unit in said skeleton.

65. The composition according to Claim 64, wherein the at least one fatty chain comprises from 8 to 120 carbon atoms and is linked to the at least one amide repeating unit.

66. The composition according to Claim 65, wherein the at least one fatty chain is present in an amount ranging from 40% to 98% of a total number of the at least one amide repeating unit and the at least one fatty chain.

67. The composition according to Claim 66, wherein the at least one fatty chain is present in an amount ranging from 50% to 95% of a total number of the at least one amide repeating unit and the at least one fatty chain.

68. The composition according to Claim 65, wherein said at least one fatty chain is chosen from at least one pendent fatty chain, and further wherein the at least one pendent fatty chain is linked directly to at least one of the nitrogen atoms of the at least one amide repeating unit.

69. The composition according to Claim 57, wherein the weight-average molecular mass of the at least one first polymer ranges from 1,000 to 100,000.

70. The composition according to Claim 69, wherein the weight-average molecular mass of the at least one first polymer ranges from 1,000 to 50,000.

71. The composition according to Claim 70, wherein the weight-average molecular mass of the at least one first polymer ranges from 1,000 to 30,000.

72. The composition according to Claim 57, wherein the weight-average molecular mass of the at least one first polymer ranges from 2,000 to 20,000.

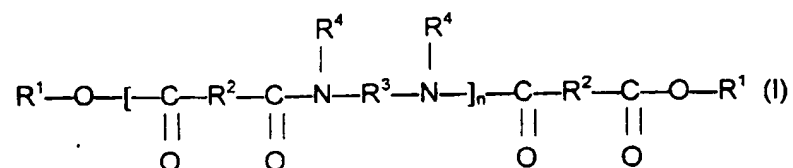
73. The composition according to Claim 72, wherein the weight-average molecular mass of the at least one first polymer ranges from 2,000 to 10,000.

74. The composition according to Claim 57, wherein the at least one terminal fatty chain is linked to the skeleton via at least one bonding group.

75. The composition according to Claim 74, wherein the at least one bonding group is an ester group.

76. The composition according to Claim 57, wherein the at least one fatty chain comprises from 12 to 68 carbon atoms.

77. The composition according to Claim 57, wherein the at least one first polymer is chosen from polymers of formula (I) below:



wherein:

$n$  is a number of amide units such that the ester groups are present in an amount ranging from 10% to 50% of a total number of ester and amide groups;

$\text{R}^1$  is independently chosen from alkyl and alkenyl groups containing at least 4 carbon atoms;

$\text{R}^2$  is independently chosen from  $\text{C}_4$  to  $\text{C}_{42}$  hydrocarbon-based groups, wherein 50% of the  $\text{R}^2$  groups are chosen from  $\text{C}_{30}$  to  $\text{C}_{42}$  hydrocarbon-based groups;

$R^3$  is independently chosen from organic groups containing at least 2 carbon atoms, hydrogen, and optionally at least one atom chosen from oxygen and nitrogen atoms; and

$R^4$  is independently chosen from hydrogen,  $C_1$  to  $C_{10}$  alkyl groups, and a direct bond to  $R^3$  or to another  $R^4$ , such that the nitrogen atom to which  $R^3$  and  $R^4$  are both attached forms part of a heterocyclic structure defined by  $R^4-N-R^3$ , wherein at least 50% of the  $R^4$  groups are hydrogen.

78. The composition according to Claim 77, wherein  $R^1$  is a  $C_{12}$  to  $C_{22}$  alkyl group.

79. The composition according to Claim 77, wherein  $R^2$  is a  $C_{30}$  to  $C_{42}$  hydrocarbon-based group.

80. The composition according to Claim 57, wherein the at least one first polymer is present in an amount ranging from 0.01% to 10% by weight, relative to the total weight of the composition.

81. The composition according to Claim 80, wherein the at least one first polymer is present in an amount ranging from 0.05% to 5% by weight, relative to the total weight of the composition.

82. The composition according to Claim 81, wherein the at least one first polymer is present in an amount ranging from 0.1% to 3% by weight, relative to the total weight of the composition.

83. The composition according to Claim 57, wherein the at least one second film-forming polymer is chosen from free-radical polymers, polycondensates, and polymers of natural origin.

84. The composition according to Claim 57, wherein the at least one second film-forming polymer is chosen from vinyl polymers, polyurethanes, polyesters, and cellulose polymers.

85. The composition according to Claim 57, wherein the physiologically acceptable medium comprises an aqueous phase.

86. The composition according to Claim 85, wherein the aqueous phase comprises water and optionally at least one water-miscible organic solvent.

87. The composition according to Claim 86, wherein the at least one water-miscible organic solvent is chosen from lower monoalcohols containing from 1 to 5 carbon atoms, glycols containing from 2 to 8 carbon atoms, C<sub>3</sub>-C<sub>4</sub> ketones, and C<sub>2</sub>-C<sub>4</sub> aldehydes.

88. The composition according to Claim 86, wherein the at least one water-miscible organic solvent is chosen from ethanol, isopropanol, propylene glycol, ethylene glycol, 1,3-butylene glycol, and dipropylene glycol.

89. The composition according to Claim 86, wherein the water is present in an amount ranging from 5% to 90% by weight relative to the total weight of the composition.

90. The composition according to Claim 85, wherein the at least one second film-forming polymer is present in the form of particles dispersed in an aqueous phase.

91. The composition according to Claim 85, wherein the aqueous phase comprises an additional water-soluble film-forming polymer.

92. The composition according to Claim 57, wherein the physiologically acceptable medium comprises a liquid fatty phase.

93. The composition according to Claim 92, wherein the liquid fatty phase comprises at least one oil chosen from mineral oils, animal oils, plant oils, hydrocarbon-based oils, fluorinated oils, and silicone-based oils.

94. The composition according to Claim 92, wherein the liquid fatty phase comprises an oil that is volatile at room temperature.

95. The composition according to Claim 92, wherein the liquid fatty phase comprises at least one hydrocarbon-based volatile oil containing from 8 to 16 carbon atoms.

96. The composition according to Claim 94, wherein the at least one volatile oil is present in an amount ranging from 0.1% to 98% by weight, relative to the total weight of the composition.

97. The composition according to Claim 96, wherein the at least one volatile oil is present in an amount ranging from 1% to 65% by weight, relative to the total weight of the composition.

98. The composition according to Claim 92, wherein the liquid fatty phase is present in an amount ranging from 2% to 98% by weight, relative to the total weight of the composition.

99. The composition according to Claim 98, wherein the liquid fatty phase is present in an amount ranging from 5% to 85% by weight, relative to the total weight of the composition.

100. The composition according to Claim 57, wherein the at least one second film-forming polymer is present in the form of particles dispersed in a liquid fatty phase and surface-stabilized.

101. The composition according to Claim 100, wherein the particles are surface-stabilized with at least one stabilizer chosen from block polymers, grafted polymers, and random polymers.

102. The composition according to Claim 101, wherein the at least one stabilizer is chosen from grafted-block and block polymers, the at least one stabilizer comprising at least one block of a styrene polymer and at least one block derived from ethylenic monomers comprising at least one optionally conjugated ethylenic bond.

103. The composition according to Claim 57, wherein the at least one second film-forming polymer is present in an amount ranging from 0.1% to 60% by weight, relative to the total weight of the composition.

104. The composition according to Claim 103, wherein the at least one second film-forming polymer is present in an amount ranging from 10% to 45% by weight, relative to the total weight of the composition.

105. The composition according to Claim 57, wherein the particles of the at least one second film-forming polymer have a size ranging from 5 nm to 600 nm.



106. The composition according to Claim 105, wherein the particles of the at least one second film-forming polymer have a size ranging from 20 nm to 300 nm.

107. The composition according to Claim 57, further comprising at least one wax.

108. The composition according to Claim 107, wherein the least one wax has a melting point of greater than 30°C.

109. The composition according to Claim 108, wherein the least one wax has a melting point ranging from greater than 30°C to 120°C.

110. The composition according to Claim 107, wherein the least one wax is chosen from beeswax, lanolin wax, Chinese insect waxes, rice wax, carnauba wax, candelilla wax, ouricury wax, cork fiber wax, sugar cane wax, Japan wax, sumach wax, montan wax, microcrystalline waxes, paraffin waxes, ozokerites, ceresin wax, lignite wax, polyethylene waxes, waxes obtained by Fisher-Tropsch synthesis, fatty acid esters of glycerides that are solid at 40°C, waxes obtained by catalytic hydrogenation of animal or plant oils containing groups chosen from linear and branched C<sub>8</sub>-C<sub>32</sub> fatty chains, silicone waxes, and fluoro waxes.

111. The composition according to Claim 107, wherein the least one wax is present in an amount ranging from 0.1% to 50% by weight, relative to the total weight of the composition.

112. The composition according to Claim 111, wherein the least one wax is present in an amount ranging from 0.5% to 30% by weight, relative to the total weight of the composition.

113. The composition according to Claim 112, wherein the least one wax is present in an amount ranging from 1% to 20% by weight, relative to the total weight of the composition.

114. The composition according to Claim 57, further comprising at least one dyestuff.

115. The composition according to Claim 57, further comprising least one additive chosen from antioxidants, fillers, preserving agents, fragrances, neutralizing agents, thickeners, cosmetic agents, dermatologically active agents, and dyestuffs.

116. A care or make-up composition for a keratin material comprising, in a physiologically acceptable medium:

at least one first polymer with a weight-average molecular mass of less than 100,000, comprising:

a) a polymer skeleton comprising hydrocarbon-based repeating units, said units comprising at least one hetero atom in said skeleton, and

b) optionally at least one fatty chain chosen from at least one pendent fatty chain and at least one terminal fatty chain, the at least one fatty chain containing from 6 to 120 carbon atoms and being linked to the hydrocarbon-based units, the at least one fatty chain being optionally functionalized, and

a dispersion of particles of at least one second film-forming polymer that is insoluble in said medium.

117. A product, chosen from mascara, eyeliner, a product for the eyebrows, a product for the lips, a face powder, an eyeshadow, a foundation, a make-up product for the body, a concealer product, a nail varnish, a skincare product, and a haircare product, the product comprising, in a physiologically acceptable medium:

at least one first polymer with a weight-average molecular mass of less than 100,000, comprising:

a) a polymer skeleton comprising hydrocarbon-based repeating units, said units comprising at least one hetero atom in said skeleton, and

b) optionally at least one fatty chain chosen from at least one pendent fatty chain and at least one terminal fatty chain, the at least one fatty chain containing from 6 to 120 carbon atoms and being linked to the hydrocarbon-based units, the at least one fatty chain being optionally functionalized, and

a dispersion of particles of at least one second film-forming polymer that is insoluble in said medium.

118. A mascara comprising, in a physiologically acceptable medium:

at least one first polymer with a weight-average molecular mass of less than 100,000, comprising:

- a) a polymer skeleton comprising hydrocarbon-based repeating units, said units comprising at least one hetero atom in said skeleton, and
  - b) optionally at least one fatty chain chosen from at least one pendent fatty chain and at least one terminal fatty chain, the at least one fatty chain containing from 6 to 120 carbon atoms and being linked to the hydrocarbon-based units, the at least one fatty chain being optionally functionalized, and
- a dispersion of particles of at least one second film-forming polymer that is insoluble in said medium.

119. A cosmetic process for making up or caring for a human keratin material, comprising:

applying to the human keratin material, an effective amount of a composition comprising, in a physiologically acceptable medium:

at least one first polymer with a weight-average molecular mass of less than 100,000, comprising:

- a) a polymer skeleton comprising hydrocarbon-based repeating units, said units comprising at least one hetero atom in said skeleton, and
- b) optionally at least one fatty chain chosen from at least one pendent fatty chain and at least one terminal fatty chain, the at least one fatty chain containing from 6 to 120 carbon atoms and being linked to the hydrocarbon-based units, the at least one fatty chain being optionally functionalized, and

a dispersion of particles of at least one second film-forming polymer that is insoluble in said medium.

120. A method of obtaining a deposit which adheres to a human keratin material, comprising:

applying to the human keratin material, an effective amount of a composition comprising, in a physiologically acceptable medium:

at least one first polymer with a weight-average molecular mass of less than 100,000, comprising:

a) a polymer skeleton comprising hydrocarbon-based repeating units, said units comprising at least one hetero atom in said skeleton, and

b) optionally at least one fatty chain chosen from at least one pendent fatty chain and at least one terminal fatty chain, the at least one fatty chain containing from 6 to 120 carbon atoms and being linked to the hydrocarbon-based units, the at least one fatty chain being optionally functionalized, and

a dispersion of particles of at least one second film-forming polymer that is insoluble in said medium.

121. A method of instantaneously thickening a human keratin material, comprising:

applying to the human keratin material, an effective amount of a composition comprising, in a physiologically acceptable medium:

at least one first polymer with a weight-average molecular mass of less than 100,000, comprising:

a) a polymer skeleton comprising hydrocarbon-based repeating units, said units comprising at least one hetero atom in said skeleton, and

b) optionally at least one fatty chain chosen from at least one pendent fatty chain and at least one terminal fatty chain, the at least one fatty chain containing from 6 to 120 carbon atoms and being linked to the hydrocarbon-based units, the at least one fatty chain being optionally functionalized, and

a dispersion of particles of at least one second film-forming polymer that is insoluble in said medium.

122. The method according to Claim 121, wherein the at least one first polymer is a polyamide having end groups in which the end groups comprise an ester group, the ester group comprising a hydrocarbon-based chain comprising from 10 to 42 carbon atoms.

123. The method according to Claim 121, wherein the at least one first polymer has a weight-average molecular mass ranging from 1,000 to 30,000.

124. A method of instantaneously thickening eyelashes, comprising:

applying to the human keratin material, an effective amount of a mascara comprising a composition comprising, in a physiologically acceptable medium:

at least one first polymer with a weight-average molecular mass of less than 100,000, comprising:

a) a polymer skeleton comprising hydrocarbon-based repeating units, said units comprising at least one hetero atom in said skeleton, and

b) optionally at least one fatty chain chosen from at least one pendent fatty chain and at least one terminal fatty chain, the at least one fatty chain containing from 6 to 120 carbon atoms and being linked to the hydrocarbon-based units, the at least one fatty chain being optionally functionalized, and

a dispersion of particles of at least one second film-forming polymer that is insoluble in said medium.

125. The method according to Claim 124, wherein the at least one first polymer is a polyamide having end groups in which the end groups comprise an ester group, the ester group comprising a hydrocarbon-based chain comprising from 10 to 42 carbon atoms.

126. The method according to Claim 124, wherein the at least one first polymer has a weight-average molecular mass ranging from 1,000 to 30,000.

127. A method of lengthening eyelashes, comprising:

applying to the human keratin material, an effective amount of a mascara comprising a composition comprising, in a physiologically acceptable medium:

at least one first polymer with a weight-average molecular mass of less than 100,000, comprising:

a) a polymer skeleton comprising hydrocarbon-based repeating units, said units comprising at least one hetero atom in said skeleton, and

b) optionally at least one fatty chain chosen from at least one pendent fatty chain and at least one terminal fatty chain, the at least one fatty chain containing from 6 to 120 carbon atoms and being linked to the hydrocarbon-based units, the at least one fatty chain being optionally functionalized, and

a dispersion of particles of at least one second film-forming polymer that is insoluble in said medium.

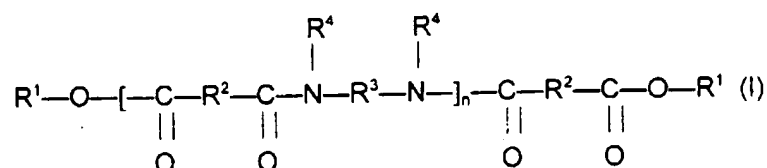
128. The method according to Claim 127, wherein the at least one first polymer is a polyamide having end groups in which the end groups comprise an ester group, the ester group comprising a hydrocarbon-based chain comprising from 10 to 42 carbon atoms.

129. The method according to Claim 127, wherein the at least one first polymer has a weight-average molecular mass ranging from 1,000 to 30,000.

PENDING CLAIMS  
 Application No. 10/012,051  
 Attorney Docket No. 05725.1004-00000  
 Filed: December 11, 2001

135. A process for rapidly increasing the amount of make-up deposited on eyelashes, comprising applying to said eyelashes a mascara comprising:

- (i) at least one polymer chosen from polymers of following formula (I):



in which n denotes a number of amide units, such that the number of ester groups represents from 10% to 50% of the total number of ester and amide groups; R<sup>1</sup> is, in each case, independently an alkyl or alkenyl group having at least 4 carbon atoms; R<sup>2</sup> independently represents, in each case, a C<sub>4</sub> to C<sub>42</sub> hydrocarbonaceous group, provided that 50% of the R<sup>2</sup> groups represent a C<sub>30</sub> to C<sub>42</sub> hydrocarbonaceous group; R<sup>3</sup> independently represents, in each case, an organic group provided with at least 2 carbon atoms, with hydrogen atoms and optionally with one or more oxygen or nitrogen atoms; and R<sup>4</sup> independently represents, in each case, a hydrogen atom, a C<sub>1</sub> to C<sub>10</sub> alkyl group or a direct bond to R<sup>3</sup> or another R<sup>4</sup>, so that the nitrogen atom to which both R<sup>3</sup> and R<sup>4</sup> are bonded forms part of a heterocyclic structure defined by R<sup>4</sup>-N-R<sup>3</sup>, with at least 50% of the R<sup>4</sup> groups representing a hydrogen atom;

- (ii) water;

(iii) at least one coloring agent; and

(iv) at least one preservative;

wherein said mascara comprises a fatty phase, and

further wherein said applying said mascara rapidly increases the amount of make-up deposited on the eyelashes.

136. The process for rapidly increasing the amount of make-up deposited on eyelashes according to claim 135, wherein said mascara further comprises at least one second film-forming polymer that is different than the at least one polymer.

137. The process for rapidly increasing the amount of make-up deposited on eyelashes according to claim 136, wherein said at least one second film-forming polymer is PVP.

138. The process for rapidly increasing the amount of make-up deposited on eyelashes according to claim 136, wherein said at least one second film-forming polymer is hydroxyethylcellulose.

139. The process for rapidly increasing the amount of make-up deposited on eyelashes according to claim 136, wherein said at least one polymer is chosen from ethylenediamine/stearyl dimer tallate copolymer.



140. The process for rapidly increasing the amount of make-up deposited on eyelashes according to claim 135, wherein said fatty phase comprises at least one hydrocarbon-based oil.

141. The process for rapidly increasing the amount of make-up deposited on eyelashes according to claim 140, wherein said at least one hydrocarbon-based oil is isododecane.

142. The process for rapidly increasing the amount of make-up deposited on eyelashes according to claim 135, wherein said fatty phase comprises at least one silicone oil.

143. A process for rapidly increasing the amount of make-up deposited on eyelashes, comprising applying to said eyelashes a mascara comprising:

(i) at least one polymer chosen from ethylenediamine/stearyl dimer tallate copolymer;

(ii) water;

(iii) at least one coloring agent; and

(iv) at least one preservative;

wherein said mascara comprises a fatty phase, and

further wherein said applying said mascara rapidly increases the amount of make-up deposited on the eyelashes.

144. The process for rapidly increasing the amount of make-up deposited on eyelashes according to claim 143, wherein said mascara further comprises at least one second film-forming polymer that is different than the at least one polymer.

145. The process for rapidly increasing the amount of make-up deposited on eyelashes according to claim 144, wherein said at least one second film-forming polymer is PVP.

146. The process for rapidly increasing the amount of make-up deposited on eyelashes according to claim 144, wherein said at least one second film-forming polymer is hydroxyethylcellulose.

147. The process for rapidly increasing the amount of make-up deposited on eyelashes according to claim 143, wherein said fatty phase comprises at least one hydrocarbon-based oil.

148. The process for rapidly increasing the amount of make-up deposited on eyelashes according to claim 147, wherein said at least one hydrocarbon-based oil is isododecane.

149. The process for rapidly increasing the amount of make-up deposited on eyelashes according to claim 143, wherein said fatty phase comprises at least one silicone oil.

PENDING CLAIMS  
Application No. 10/012,052  
Attorney Docket No. 05725.1005-00000  
Filed: December 11, 2001

48. A composition comprising, in a physiologically acceptable aqueous medium:
- a wax-in-water emulsion; and
  - at least one first polyamide polymer having a weight-average molecular mass of less than 100,000 and comprising a polymer backbone comprising hydrocarbonaceous repeating units, the hydrocarbonaceous repeating units comprising:
    - (a) at least one nonpendent amide unit in said backbone, and
    - (b) at least one fatty chain chosen from pendent fatty chains and terminal fatty chains, wherein the at least one fatty chain comprises from 8 to 120 carbon atoms, is bonded to the at least one nonpendent amide unit, and is optionally functionalized.
49. The composition according to claim 48, wherein the weight-average molecular mass of the first polymer is less than 50,000.
50. The composition according to claim 48, wherein the at least one fatty chain is present in an amount ranging from 40 to 98% of the total number of the at least one nonpendent amide unit and the at least one fatty chain.
51. The composition according to claim 50, wherein the at least one fatty chain is present in an amount ranging from 50 to 95% of the total number of the at least one nonpendent amide unit and the at least one fatty chain.
52. The composition according to claim 48, wherein the at least one fatty chain is chosen from at least one pendent fatty chain, and further wherein the at least one pendent fatty chain is bonded directly to a nitrogen atom of the at least one amide unit.
53. The composition according to claim 48, wherein the weight-average molecular mass of the at least one first polymer ranges from 1,000 to 100,000.

54. The composition according to claim 53, wherein the weight-average molecular mass of the at least one first polymer ranges from 1,000 to 50,000

55. The composition according to claim 54, wherein the weight-average molecular mass of the at least one first polymer ranges from 1,000 to 30,000

56. The composition according to claim 48, wherein the weight-average molecular mass of the at least one first polymer ranges from 2,000 to 20,000.

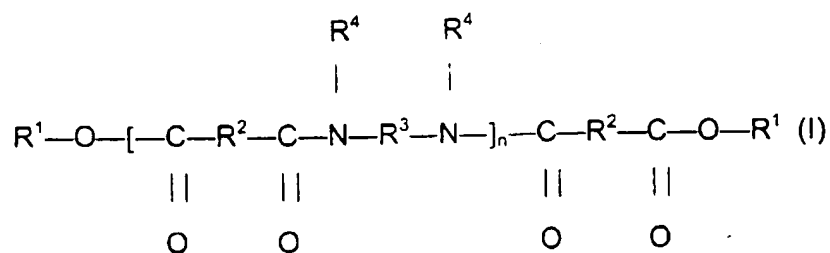
57. The composition according to claim 56, wherein the weight-average molecular mass of the at least one first polymer ranges from 2,000 to 10,000.

58. The composition according to claim 48, wherein the at least one fatty chain is chosen from at least one terminal fatty chain bonded to the backbone via at least one bonding group.

59. The composition according to claim 58, wherein the at least one bonding group is an ester group.

60. The composition according to claim 48, wherein the at least one fatty chain comprises from 12 to 68 carbon atoms.

61. The composition according to claim 48, wherein the at least one first polymer is chosen from polymers of formula (I) below:



wherein:

n is a number of amide units such that the number of ester groups in formula (I) ranges from 10% to 50% of the total number of ester and amide groups;

R<sup>1</sup> is independently chosen from alkyl and alkenyl groups containing at least 4 carbon atoms;

R<sup>2</sup> is independently chosen from C<sub>4</sub> to C<sub>42</sub> hydrocarbon-based groups, wherein 50% of the R<sup>2</sup> groups are chosen from C<sub>30</sub> to C<sub>42</sub> hydrocarbon-based groups;

R<sup>3</sup> is independently chosen from organic groups containing at least 2 carbon atoms, hydrogen, and optionally at least one atom chosen from oxygen and nitrogen atoms; and

R<sup>4</sup> is independently chosen from hydrogen, C<sub>1</sub> to C<sub>10</sub> alkyl groups, and a direct bond to R<sup>3</sup> or to another R<sup>4</sup>, such that the nitrogen atom to which R<sup>3</sup> and R<sup>4</sup> are both attached forms part of a heterocyclic structure defined by R<sup>4</sup>-N-R<sup>3</sup>, wherein at least 50% of the R<sup>4</sup> groups are hydrogen.

62. The composition according to claim 61, wherein R<sup>1</sup> is independently chosen from C<sub>12</sub> to C<sub>22</sub> alkyl groups.

63. The composition according to claim 61, wherein R<sup>2</sup> is independently chosen from C<sub>30</sub> to C<sub>42</sub> hydrocarbon-based groups.

64. The composition according to claim 48, wherein the at least one first polymer is present in an amount ranging from 0.01% to 10% by weight with respect to the total weight of the composition.

65. The composition according to claim 64, wherein the at least one first polymer is present in an amount ranging from 0.05% to 5% by weight with respect to the total weight of the composition.

66. The composition according to claim 65, wherein the at least one first polymer is present in an amount ranging from 0.1% to 3% by weight with respect to the total weight of the composition.

67. The composition according to claim 48, further comprising at least one wax.

68. The composition according to claim 48, wherein the at least one wax has a melting point ranging from greater than 30°C to 120°C.

69. The composition according to claim 67, wherein the at least one wax is chosen from beeswax, lanolin wax, Chinese insect wax; rice wax, carnauba wax, candelilla wax, ouricury wax, cork fiber wax, sugar cane wax, Japan wax and sumac wax, montan wax, microcrystalline waxes, paraffin waxes, ozokerites, ceresin wax, lignite wax, polyethylene waxes, waxes obtained by Fischer-Tropsch synthesis, fatty acid esters and glycerides that are solid at 40°C, waxes obtained by catalytic hydrogenation of animal or vegetable oils containing groups chosen from linear and branched C<sub>8</sub>-C<sub>32</sub> fatty chains, silicone waxes, and fluorinated waxes.

70. The composition according to claim 67, wherein the at least one wax has a hardness ranging from 0.05 MPa to 15 MPa.

71. The composition according to claim 67, wherein the at least one wax is dispersed in the form of particles having a mean size ranging from 50 nm to 10 µm.

72. The composition according to claim 71, wherein the at least one wax is dispersed in the form of particles having a mean size ranging from 50 nm to 3.5 µm.

73. The composition according to claim 67, wherein the at least one wax is dispersed in the form of particles having a mean size ranging from 1 µm to 10 µm.

74. The composition according to claim 73, wherein the at least one wax is dispersed in the form of particles having a mean size ranging from 1 µm to 3.5 µm.

75. The composition according to claim 67, wherein the at least one wax is dispersed in the form of particles having a mean size of less than 1 µm.

76. The composition according to claim 75, wherein the at least one wax is dispersed in the form of particles having a mean size ranging from 50 nm to 500 nm.

77. The composition according to claim 67, wherein the at least one wax is present in an amount ranging from 0.1% to 50% by weight with respect to the total weight of the composition.

78. The composition according to claim 77, wherein the at least one wax is present in an amount ranging from 0.5% to 30% by weight with respect to the total weight of the composition.

79. The composition according to claim 78, wherein the at least one wax is present in an amount ranging from 1% to 20% by weight with respect to the total weight of the composition.

80. The composition according to claim 48, further comprising at least one second film-forming polymer other than the first polymer.

81. The composition according to claim 80, wherein the at least one second film-forming polymer is chosen from vinyl polymers, polyurethanes, polyesters, polyamides, polyureas, and cellulose polymers.

82. The composition according to claim 80, wherein the at least one second film-forming polymer is dissolved in the aqueous phase of the wax-in-water emulsion.

83. The composition according to claim 80, wherein the at least one second film-forming polymer is in the form of particles in aqueous dispersion.

84. The composition according to claim 80, wherein the at least one second film-forming polymer is present in an amount on a dry basis ranging from 0.1% to 60% by weight with respect to the total weight of the composition.

85. The composition according to claim 84, wherein the at least one second film-forming polymer is present in an amount on a dry basis ranging from 0.5% to 40% by weight with respect to the total weight of the composition.

86. The composition according to claim 85, wherein the at least one second film-forming polymer is present in an amount on a dry basis ranging from 1% to 30% by weight with respect to the total weight of the composition.

87. The composition according to claim 48, further comprising an emulsifying surfactant.

88. The composition according to claim 87, wherein the emulsifying surfactant is present in an amount ranging from 2 to 30% by weight with respect to the total weight of the composition.

89. The composition according to claim 88, wherein the emulsifying surfactant is present in an amount ranging from 5% to 15% by weight with respect to the total weight of the composition.

90. The composition according to claim 48, wherein the aqueous phase of the wax-in-water emulsion comprises at least one organic solvent that is miscible with water.

91. The composition according to claim 90, wherein the at least one water-miscible organic solvent is chosen from lower monoalcohols having from 1 to 5 carbon atoms, glycols having from 2 to 8 carbon atoms, C<sub>3</sub>-C<sub>4</sub> ketones, and C<sub>2</sub>-C<sub>4</sub> aldehydes.

92. The composition according to claim 90, wherein the at least one water-miscible organic solvent is chosen from ethanol, isopropanol, propylene glycol, ethylene glycol, 1,3-butylene glycol, and dipropylene glycol.

93. The composition according to claim 90, wherein the at least one water-miscible organic solvent is present in an amount ranging from 0.1% to 20% by weight with respect to the total weight of the composition.

94. The composition according to claim 93, wherein the at least one water-miscible organic solvent is present in an amount ranging from 0.1% to 10% by weight with respect to the total weight of the composition.



95. The composition according to claim 90, wherein the aqueous phase is present in an amount ranging from 1% to 95% by weight with respect to the total weight of the composition.

96. The composition according to claim 95, wherein the aqueous phase is present in an amount ranging from 5% to 80% by weight with respect to the total weight of the composition.

97. The composition according to claim 96, wherein the aqueous phase is present in an amount ranging from 10% to 60% by weight with respect to the total weight of the composition.

98. The composition according to claim 48, further comprising at least one coloring material.

99. The composition according to claim 98, wherein the at least one coloring material is chosen from pigments, pearlescent agents, and water-soluble dyes.

100. The composition according to claim 98, wherein the at least one coloring material is present in an amount ranging from 0.01 to 50% of the total weight of the composition.

101. The composition according to claim 100, wherein the at least one coloring material is present in an amount ranging from 0.01% to 30% of the total weight of the composition.

102. The composition according to claim 48, further comprising at least one thickening agent.

103. The composition according to claim 48, further comprising at least one additive chosen from antioxidants, fillers, preservatives, fragrances, neutralizing agents, cosmetic principles, dermatologically active principles, and oils.

104. A composition for caring for or making up keratinous substances comprising, in a physiologically acceptable aqueous medium:

a wax-in-water emulsion; and

at least one first polyamide polymer having a weight-average molecular mass of less than 100,000 and comprising a polymer backbone comprising hydrocarbonaceous repeating units, the hydrocarbonaceous repeating units comprising:

(a) at least one nonpendent amide unit in said backbone, and

(b) at least one fatty chain chosen from pendent fatty chains and terminal fatty chains, wherein the at least one fatty chain comprises from 8 to 120 carbon atoms, is bonded to the at least one nonpendent amide unit, and is optionally functionalized.

105. A product, chosen from a mascara, an eyeliner, a product for the eyebrows, a product for the lips, a face powder, an eyeshadow, a foundation, a product for making up the body, a concealer, a nail varnish, a product for caring for the skin, and a product for the hair, the product comprising, in a physiologically acceptable medium:

a wax-in-water emulsion; and

at least one first polyamide polymer having a weight-average molecular mass of less than 100,000 and comprising a polymer backbone comprising hydrocarbonaceous repeating units, the hydrocarbonaceous repeating units comprising:

(a) at least one nonpendent amide unit in said backbone, and

(b) at least one fatty chain chosen from pendent fatty chains and terminal fatty chains, wherein the at least one fatty chain comprises from 8 to 120 carbon atoms, is bonded to the at least one nonpendent amide unit, and is optionally functionalized

106. A mascara comprising, in a physiologically acceptable medium:

a wax-in-water emulsion; and

at least one first polyamide polymer having a weight-average molecular mass of less than 100,000 and comprising a polymer backbone comprising hydrocarbonaceous repeating units, the hydrocarbonaceous repeating units comprising:

(a) at least one nonpendent amide unit in said backbone, and

(b) at least one fatty chain chosen from pendent fatty chains and terminal fatty chains, wherein the at least one fatty chain comprises from 8 to 120 carbon atoms, is bonded to the at least one nonpendent amide unit, and is optionally functionalized.

107. A cosmetic process for making up or caring for human keratinous substances, comprising:

applying to the keratinous substances, in an amount effective to make up or care for human keratinous substances, a cosmetic composition comprising, in a physiologically acceptable medium:

a wax-in-water emulsion; and

at least one first polyamide polymer having a weight-average molecular mass of less than 100,000 and comprising a polymer backbone comprising hydrocarbonaceous repeating units, the hydrocarbonaceous repeating units comprising:

(a) at least one nonpendent amide unit in said backbone, and

(b) at least one fatty chain chosen from pendent fatty chains and terminal fatty chains, wherein the at least one fatty chain comprises from 8 to 120 carbon atoms, is bonded to the at least one nonpendent amide unit, and is optionally functionalized.

108. A process for producing an adherent layer on keratinous substances and/or for instantaneous volumizing of keratinous substances, comprising:

applying to the keratinous substances, in an amount effective to produce an adherent layer on keratinous substances and/or instantaneously volumize human keratinous substances, a cosmetic composition comprising, in a physiologically acceptable medium:

a wax-in-water emulsion; and

at least one first polyamide polymer having a weight-average molecular mass of less than 100,000 and comprising a polymer backbone comprising hydrocarbonaceous repeating units, the hydrocarbonaceous repeating units comprising:

(a) at least one nonpendent amide unit in said backbone, and

(b) at least one fatty chain chosen from pendent fatty chains and terminal fatty chains, wherein the at least one fatty chain comprises from 8 to 120 carbon atoms, is bonded to the at least one nonpendent amide unit, and is optionally functionalized.

109. A process for instantaneously thickening and/or for lengthening the eyelashes, comprising:

applying to the keratinous substances, in an amount effective to instantaneously thicken and/or lengthen eyelashes, a cosmetic composition comprising, in a physiologically acceptable medium:

a wax-in-water emulsion; and

at least one first polyamide polymer having a weight-average molecular mass of less than 100,000 and comprising a polymer backbone comprising hydrocarbonaceous repeating units, the hydrocarbonaceous repeating units comprising:

(a) at least one nonpendent amide unit in said backbone, and

(b) at least one fatty chain chosen from pendent fatty chains and terminal fatty chains, wherein the at least one fatty chain comprises from 8 to 120

carbon atoms, is bonded to the at least one nonpendent amide unit, and is optionally functionalized.

110. A process for producing an adherent layer on keratinous substances and/or instantaneous volumizing of keratinous substances and/or for instantaneously thickening and/or for lengthening the eyelashes, comprising:

applying to the keratinous substances, in an amount effective to instantaneously thicken and/or lengthen eyelashes, a cosmetic composition comprising, in a physiologically acceptable medium:

a wax-in-water emulsion; and

at least one first polyamide polymer having a weight-average molecular mass of less than 100,000 and comprising a polymer backbone comprising hydrocarbonaceous repeating units, the hydrocarbonaceous repeating units comprising:

(a) at least one nonpendent amide unit in said backbone, and

(b) at least one fatty chain chosen from pendent fatty chains and terminal fatty chains, wherein the at least one fatty chain comprises from 8 to 120 carbon atoms, is bonded to the at least one nonpendent amide unit, and is optionally functionalized.

111. The process according to claim 110, wherein the weight-average molecular mass of the at least one first polymer is less than 50,000.

112. The process according to claim 110, wherein the first polymer is a polyamide having terminal groups comprising an ester group, the ester group comprising a hydrocarbonaceous chain having from 10 to 42 carbon atoms.

113. The process according to claim 110, wherein the weight-average molecular mass of the at least one first polymer ranges from 1,000 to 30,000.

PENDING CLAIMS  
Application No. 10/046,568  
Attorney Docket No. 05725.1018-00000  
Filed: January 16, 2002

49. A structured nail polish composition comprising:

at least one liquid organic phase comprising at least one volatile organic solvent, the liquid organic phase being structured by at least one first polymer having a weight-average molecular weight of less than or equal to 100,000 and comprising:

a) a polymer backbone comprising hydrocarbon-based repeating units, said units comprising at least one hetero atom in said backbone, and

b) at least one fatty chain containing from 6 to 120 carbon atoms and chosen from at least one pendent fatty chain and at least one terminal fatty chain, wherein the at least one fatty chain is linked to the hydrocarbon-based units and is optionally functionalized,

wherein said at least one volatile organic solvent and said at least one first polymer are present in the nail polish composition in a combined amount effective to give a structured nail polish composition.

50. The composition according to Claim 49, wherein the weight-average molecular weight of the at least one first polymer is less than 50,000.

51. The composition according to Claim 49, wherein the at least one hetero atom is a nitrogen atom.

52. The composition according to Claim 49, wherein the hydrocarbon-based units comprising at least one hetero atom are chosen from amide groups.

53. The composition according to Claim 49, wherein the at least one fatty chain is present in an amount ranging from 40% to 98% of the total combined number of the hydrocarbon-based repeating units and the at least one fatty chain.

54. The composition according to Claim 53, wherein the at least one fatty chain is present in an amount ranging from 50% to 95% the total combined number of the hydrocarbon-based repeating units and the at least one fatty chain.

55. The composition according to Claim 49, wherein said at least one fatty chain is chosen from at least one pendent fatty chain, and further wherein the at least one pendent fatty chain is linked directly to at least one of said at least one hetero atom.

56. The composition according to Claim 49, wherein the polymer backbone of the at least one first polymer comprises at least one amide repeating unit in said backbone.

57. The composition according to Claim 49, wherein the weight-average molecular weight of the at least one first polymer ranges from 2,000 to 20,000.

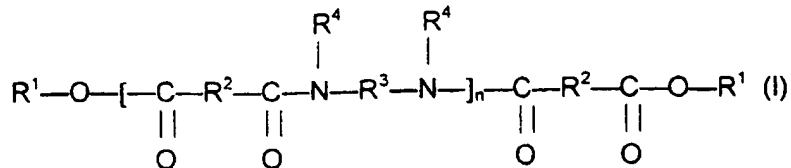
58. The composition according to Claim 57, wherein the weight-average molecular weight of the at least one first polymer ranges from 2,000 to 10,000.

59. The composition according to Claim 49, wherein the at least one terminal fatty chain is linked to the skeleton via at least one bonding group.

60. The composition according to Claim 49, wherein the at least one bonding group is an ester group.

61. The composition according to Claim 49, wherein the at least one fatty chain comprises from 12 to 68 carbon atoms.

62. The composition according to Claim 49, wherein the at least one first polymer is chosen from polymers of formula (I) below:



wherein:

n is a number of amide units such that the ester groups are present in an amount ranging from 10% to 50% of the total number of ester and amide groups;

R<sup>1</sup> is independently chosen from alkyl and alkenyl groups containing at least 4 carbon atoms;

R<sup>2</sup> is independently chosen from C<sub>4</sub> to C<sub>42</sub> hydrocarbon-based groups, wherein 50% of the R<sup>2</sup> groups are chosen from C<sub>30</sub> to C<sub>42</sub> hydrocarbon-based groups;

R<sup>3</sup> is independently chosen from organic groups containing at least 2 carbon atoms, hydrogen, and optionally at least one atom chosen from oxygen and nitrogen atoms; and

R<sup>4</sup> is independently chosen from hydrogen, C<sub>1</sub> to C<sub>10</sub> alkyl groups, and a direct bond to R<sup>3</sup> or to another R<sup>4</sup>, such that the nitrogen atom to which R<sup>3</sup> and R<sup>4</sup> are both attached forms part of a heterocyclic structure defined by R<sup>4</sup>-N-R<sup>3</sup>, wherein at least 50% of the R<sup>4</sup> groups are hydrogen.

63. The composition according to Claim 62, wherein R<sup>1</sup> is a C<sub>12</sub> to C<sub>22</sub> alkyl group.

64. The composition according to Claim 62, wherein R<sup>2</sup> is a C<sub>30</sub> to C<sub>42</sub> hydrocarbon-based group.



65. The composition according to Claim 49, wherein the at least one first polymer is present in an amount ranging from 0.01% to 60% by weight, relative to the total weight of the composition.

66. The composition according to Claim 65, wherein the at least one first polymer is present in an amount ranging from 0.5% to 30% by weight, relative to the total weight of the composition.

67. The composition according to Claim 66, wherein the at least one first polymer is present in an amount ranging from 1% to 20% by weight, relative to the total weight of the composition.

68. The composition according to Claim 49, wherein said organic phase comprises at least one volatile organic solvent exhibiting mean Hansen solubility parameters  $dD$ ,  $dP$  and  $dH$  at 25°C, wherein  $dD$ ,  $dP$  and  $dH$  satisfy the following conditions:

$$15 \text{ (J/cm}^3\text{)}^{1/2} \leq dD \leq 19 \text{ (J/cm}^3\text{)}^{1/2}$$

$$dP \leq 10 \text{ (J/cm}^3\text{)}^{1/2}; \text{ and}$$

$$dH \leq 10 \text{ (J/cm}^3\text{)}^{1/2}.$$

69. The composition according to Claim 68, wherein  $dP \leq 5 \text{ (J/cm}^3\text{)}^{1/2}$ .

70. The composition according to Claim 68, wherein  $dH \leq 9 \text{ (J/cm}^3\text{)}^{1/2}$ .

71. The composition according to Claim 68, wherein  $dD$ ,  $dP$  and  $dH$  obey

the relationship

$$\sqrt{4(17 - dD)^2 + dP^2 + dH^2} < L$$

wherein L is equal to  $10 \text{ (J/cm}^3\text{)}^{1/2}$ .

72. The composition according to Claim 71, wherein L is equal to  $9 \text{ (J/cm}^3\text{)}^{1/2}$ .

73. The composition according to Claim 49, wherein the composition further comprises at least one second film-forming polymer.

74. The composition as claimed in Claim 73, wherein the at least one second film-forming polymer is chosen from cellulose polymers, polyurethanes, acrylic polymers, vinyl polymers, polyvinylbutyrals, alkyd resins, resins resulting from aldehyde condensation products, and arylsulfonamide-epoxy resins.

75. The composition according to Claim 49, wherein the at least one second film-forming polymer is present in an amount ranging from 0.1% to 60% by weight, relative to the total weight of the composition.

76. The composition according to Claim 75, wherein the at least one second film-forming polymer is present in an amount ranging from 2% to 40% by weight, relative to the total weight of the composition.

77. The composition according to Claim 76, wherein the at least one second film-forming polymer is present in an amount ranging from 5% to 25% by weight, relative to the total weight of the composition.

78. The composition according to Claim 49, wherein the at least one volatile organic solvent is chosen from esters having from 4 to 8 carbon atoms and alkanes having from 6 to 10 carbon atoms.

79. The composition according to Claim 49, wherein the at least one volatile organic solvent is chosen from ethyl acetate, n-propyl acetate, isobutyl acetate, n-butyl acetate, and heptane.

80. The composition according to Claim 49, wherein the at least one volatile organic solvent is chosen from branched C<sub>8</sub>-C<sub>16</sub> alkanes, and branched C<sub>8</sub>-C<sub>16</sub> esters.

81. The composition according to Claim 49, wherein the volatile organic solvent is chosen from C<sub>8</sub>-C<sub>16</sub> isoparaffins, and isododecane.

82. The composition according to Claim 49, wherein the at least one volatile organic solvent is present in an amount ranging from 20% to 98% by weight, relative to the total weight of the composition.

83. The composition according to Claim 82, wherein the at least one volatile organic solvent is present in an amount ranging from 30% to 90% by weight, relative to the total weight of the composition.

84. The composition according to Claim 83, wherein the at least one volatile organic solvent is present in an amount ranging from 40% to 85% by weight, relative to the total weight of the composition.

85. The composition according to Claim 49, wherein the liquid organic phase additionally comprises at least one nonvolatile oil.

86. The composition according to Claim 49, wherein the liquid organic phase is present in an amount ranging from 5 to 99% by weight, relative to the total weight of the composition.

87. The composition according to Claim 86, wherein the liquid organic phase is present in an amount ranging from 20 to 75% by weight, relative to the total weight of the composition.

88. The composition according to Claim 49, further comprising at least one additive chosen from coloring materials, antioxidants, preservatives, fragrances, fillers, waxes, neutralizing agents, cosmetic or dermatological active principles, dispersing agents, spreading agents, and sunscreens.

89. The composition according to Claim 49, wherein the composition is in the form of a stiff gel.

90. The composition according to Claim 49, wherein the composition is in the form of an anhydrous stick.

91. The composition according to Claim 49, wherein the composition is in the form of a stick with a hardness ranging from 30 to 300 g, measured by the cheesewire method.

92. A stick nail polish composition comprising:

a liquid organic phase comprising at least one volatile organic solvent and at least one first polymer with a weight-average molecular weight of less than or equal to 100,000 comprising:

a) a polymer backbone comprising hydrocarbon-based repeating units, said units comprising at least one hetero atom in said backbone, and

b) at least one fatty chain containing from 6 to 120 carbon atoms and chosen from at least one pendent fatty chain and at least one terminal fatty chain, wherein the at least one fatty chain is linked to the hydrocarbon-based units and is optionally functionalized,

wherein said at least one volatile organic solvent and said at least one first polymer are present in the stick nail polish composition in a combined amount effective to give a structured stick nail polish composition.

93. The stick nail polish composition according to Claim 92, wherein the hydrocarbon-based units comprising at least one hetero atom are chosen from amide groups.

94. A cosmetic composition comprising:

an organic phase and at least one first polymer with a weight-average molecular weight of less than or equal to 100,000 comprising:

a) a polymer backbone comprising hydrocarbon-based repeating units, said units comprising at least one hetero atom in said backbone, and

b) at least one fatty chain containing from 6 to 120 carbon atoms and chosen from at least one pendent fatty chain and at least one terminal fatty chain, wherein the at least one fatty chain is linked to the hydrocarbon-based units and is optionally functionalized,

and a second additional film-forming polymer, the organic phase comprising at least one volatile organic solvent exhibiting mean Hansen solubility parameters  $dD$ ,  $dP$  and  $dH$  at 25°C which satisfy the following conditions:

$$15 \text{ (J/cm}^3\text{)}^{1/2} \leq dD \leq 19 \text{ (J/cm}^3\text{)}^{1/2}$$

$$dP \leq 10 \text{ (J/cm}^3\text{)}^{1/2}; \text{ and}$$

$$dH \leq 10 \text{ (J/cm}^3\text{)}^{1/2}.$$

95. A cosmetic composition according to claim 94, wherein said at least one first polymer is a polyamide polymer and said hydrocarbon-based repeating units are

amide repeating units.

96. A nail polish composition comprising:

a liquid organic phase, at least one first polymer with a weight-average molecular weight of less than or equal to 100,000 comprising:

a) a polymer backbone comprising hydrocarbon-based repeating units, said units comprising at least one hetero atom in said backbone, and

b) at least one fatty chain containing from 6 to 120 carbon atoms and chosen from at least one pendent fatty chain and at least one terminal fatty chain, wherein the at least one fatty chain is linked to the hydrocarbon-based units and is optionally functionalized,

and a second additional film-forming polymer, the organic phase comprising at least one volatile organic solvent exhibiting mean Hansen solubility parameters  $dD$ ,  $dP$  and  $dH$  at 25°C which satisfy the following conditions:

$$15 \text{ (J/cm}^3\text{)}^{1/2} \leq dD \leq 19 \text{ (J/cm}^3\text{)}^{1/2}$$

$$dP \leq 10 \text{ (J/cm}^3\text{)}^{1/2}; \text{ and}$$

$$dH \leq 10 \text{ (J/cm}^3\text{)}^{1/2}.$$

97. A nail polish composition according to claim 96, wherein said at least one first polymer is a polyamide polymer and said hydrocarbon-based repeating units are amide repeating units.

98. A cosmetic process for making up or nontherapeutically treating the nails of human beings, comprising:

applying to the nails of human beings an effective amount of a composition comprising:

a liquid organic phase comprising at least one volatile organic solvent and at least one first polymer with a weight-average molecular weight of less than or equal to 100,000 comprising:

a) a polymer backbone comprising hydrocarbon-based repeating units, said units comprising at least one hetero atom in said backbone, and

b) at least one fatty chain containing from 6 to 120 carbon atoms and chosen from at least one pendent fatty chain and at least one terminal fatty chain, wherein the at least one fatty chain is linked to the hydrocarbon-based units and is optionally functionalized,

wherein said at least one volatile organic solvent and said at least one first polymer are present in the composition in a combined amount effective to give a structured composition.

99. A method of producing a nail polish composition in the form of stick, comprising:

a liquid organic phase comprising at least one volatile organic solvent and at least one first polymer with a weight-average molecular weight of less than or equal to 100,000 comprising:

a) a polymer backbone comprising hydrocarbon-based repeating units, said units comprising at least one hetero atom in said backbone, and

b) at least one fatty chain containing from 6 to 120 carbon atoms and chosen from at least one pendent fatty chain and at least one terminal fatty chain, wherein the at least one fatty chain is linked to the hydrocarbon-based units and is optionally functionalized,

wherein said at least one volatile organic solvent and said at least one first polymer are present in the nail polish composition in a combined amount effective to give a structured nail polish composition.

100. The method according to Claim 99, wherein said stick has a hardness ranging from 30 to 300 g, measured by the cheesewire method.

101. The method according to Claim 99, wherein the at least one first polymer is a polyamide having end groups in which the end groups comprise at least one ester group.

102. The method according to Claim 101, wherein the at least one ester group comprises a hydrocarbon-based chain comprising from 10 to 42 carbon atoms.

103. The method according to Claim 99, wherein said organic phase comprises at least one volatile organic solvent exhibiting mean Hansen solubility parameters  $dD$ ,  $dP$  and  $dH$  at 25°C, wherein  $dD$ ,  $dP$  and  $dH$  satisfy the following conditions:

$$15 \text{ (J/cm}^3\text{)}^{1/2} \leq dD \leq 19 \text{ (J/cm}^3\text{)}^{1/2}$$

$$dP \leq 10 \text{ (J/cm}^3\text{)}^{1/2}; \text{ and}$$

$$dH \leq 10 \text{ (J/cm}^3\text{)}^{1/2}.$$

104. The method according to Claim 99, wherein the at least one volatile organic solvent is chosen from ethyl acetate, n-propyl acetate, isobutyl acetate, n-butyl acetate, and heptane.

105. The method according to Claim 99, wherein the composition comprises at least one second film-forming polymer.

519413





PENDING CLAIMS  
Application No. 10/047,987  
Attorney Docket No. 05725.1020-00000  
Filed: January 17, 2002

65. A structured composition comprising at least one liquid fatty phase comprising at least one fluoro oil, wherein the at least one liquid fatty phase is structured with at least one polymer with a weight-average molecular mass of less than or equal to 1,000,000, comprising:

a) a polymer skeleton comprising hydrocarbon-based repeating units, said units comprising at least one hetero atom; and

b) optionally at least one fatty chain chosen from at least one pendent fatty chain and at least one terminal fatty chain, wherein the at least one fatty chain comprises from 6 to 120 carbon atoms, is bonded to the hydrocarbon-based units, and is optionally functionalized, and

wherein the at least one liquid fatty phase and the at least one polymer form a physiologically acceptable medium.

66. The composition according to Claim 65, wherein the weight-average molecular mass of the at least one polymer is less than or equal to 500,000.

67. The composition according to Claim 66, wherein the weight-average molecular mass of the at least one polymer is less than or equal to 100,000.

68. The composition according to Claim 65, wherein the at least one hetero atom is a nitrogen atom.

69. The composition according to Claim 65, wherein the hydrocarbon-based units comprising at least one hetero atom are chosen from amide groups.

70. The composition according to Claim 65, wherein the at least one fatty chain is present in an amount ranging from 40% to 98% of a total number of the hydrocarbon-based repeating units and the at least one fatty chain.

71. The composition according to Claim 70, wherein the at least one fatty chain is present in an amount ranging from 50% to 95% of a total number of the hydrocarbon-based repeating units and the at least one fatty chain.

72. The composition according to Claim 65, wherein the at least one fatty chain is chosen from at least one pendent fatty chain, and further wherein the at least one pendent fatty chain is linked directly to at least one of said at least one hetero atom.

73. The composition according to Claim 65, wherein the polymer skeleton of the at least one polymer comprises at least one amide repeating unit in said skeleton.

74. The composition according to Claim 73, wherein the at least one fatty chain comprises from 8 to 120 carbon atoms and is linked to the at least one amide repeating unit.

75. The composition according to Claim 74, wherein the weight-average molecular mass of the polymer is less than or equal to 500,000.

76. The composition according to Claim 75, wherein the weight-average molecular mass of the polymer is less than or equal to 100,000.

77. The composition according to Claim 74, wherein the at least one fatty chain is present in an amount ranging from 40% to 98% of a total number of the at least one amide repeating unit and the at least one fatty chain.

78. The composition according to Claim 77, wherein the at least one fatty chain is present in an amount ranging from 50% to 95% of a total number of the at least one amide repeating unit and the at least one fatty chain.

79. The composition according to Claim 74, wherein said at least one fatty chain is chosen from at least one pendent fatty chain, and further wherein the at least one pendent fatty chain is linked directly to at least one of the nitrogen atoms of the at least one amide repeating unit.

80. The composition according to Claim 65, wherein the weight-average molecular mass of the at least one polymer ranges from 1,000 to 30,000.

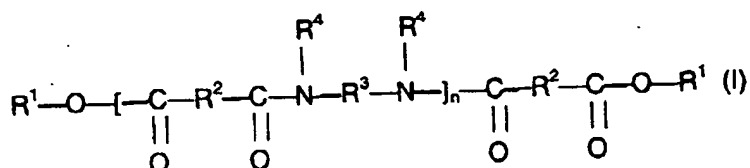
81. The composition according to Claim 80, wherein the weight-average molecular mass of the at least one polymer ranges from 2,000 to 10,000.

82. The composition according to Claim 65, wherein said at least one fatty chain is chosen from at least one terminal fatty chain, and further wherein the at least one terminal fatty chain is linked to the skeleton via at least one bonding group.

83. The composition according to Claim 82, wherein the at least one bonding group comprises an ester group.

84. The composition according to Claim 65, wherein the at least one fatty chain contains from 12 to 68 carbon atoms.

85. The composition according to Claim 65, wherein the at least one polymer is chosen from polymers of formula (I):



wherein:

n is a number of amide units such that the ester groups are present in an amount ranging from 10% to 50% of the total number of ester and amide groups;

R<sup>1</sup> is independently chosen from alkyl and alkenyl groups containing at least 4 carbon atoms;

R<sup>2</sup> is independently chosen from C<sub>4</sub> to C<sub>42</sub> hydrocarbon-based groups, wherein 50% of the R<sup>2</sup> groups are chosen from C<sub>30</sub> to C<sub>42</sub> hydrocarbon-based groups;

R<sup>3</sup> is independently chosen from organic groups containing at least 2 carbon atoms, hydrogen, and optionally at least one atom chosen from oxygen and nitrogen atoms; and

R<sup>4</sup> is independently chosen from hydrogen, C<sub>1</sub> to C<sub>10</sub> alkyl groups, and a direct bond to R<sup>3</sup> or to another R<sup>4</sup>, such that the nitrogen atom to which R<sup>3</sup> and R<sup>4</sup> are both attached forms part of a heterocyclic structure defined by R<sup>4</sup>-N-R<sup>3</sup>, wherein at least 50% of the R<sup>4</sup> groups are hydrogen.

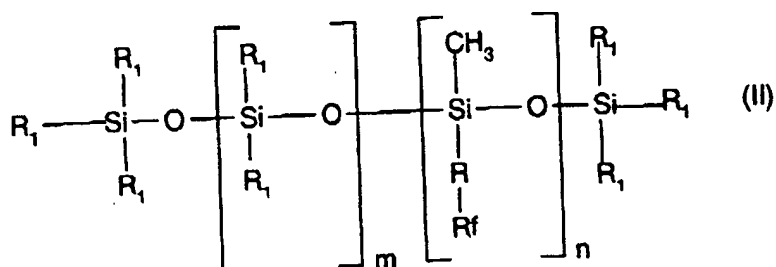
86. The composition according to Claim 85, wherein R<sup>1</sup> is independently chosen from C<sub>12</sub> to C<sub>22</sub> alkyl groups.

87. The composition according to Claim 85, wherein R<sup>2</sup> is independently chosen from C<sub>30</sub> to C<sub>42</sub> hydrocarbon-based groups.

88. The composition according to Claim 65, wherein the at least one polymer is present in an amount ranging from 0.5% to 80% of the total weight of the composition.

89. The composition according to Claim 88, wherein the at least one polymer is present in an amount ranging from 5% to 40% of the total weight of the composition.

90. The composition according to Claim 65, wherein the at least one fluoro oil is chosen from fluorosilicone compounds of formula (II):



wherein:

R is chosen from linear and branched divalent alkyl groups containing from 1 to 6 carbon atoms;

Rf is a fluoroalkyl radical containing from 1 to 9 carbon atoms;

R<sub>1</sub> is independently chosen from C<sub>1</sub>-C<sub>20</sub> alkyl radicals, hydroxyl radicals, and phenyl radicals;

m ranges from 0 to 150; and

n ranges from 1 to 300.

91. The composition according to Claim 90, wherein the divalent alkyl groups are chosen from methyl, ethyl, propyl, and butyl groups.

92. The composition according to Claim 90, wherein R<sub>f</sub> is a perfluoroalkyl radical.

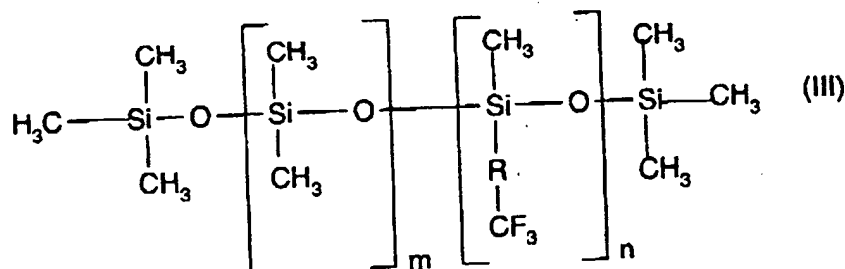
93. The composition according to Claim 90, wherein the fluoroalkyl radical contains from 1 to 4 carbon atoms.

94. The composition according to Claim 90, wherein m ranges from 20 to 100.

95. The composition according to Claim 90, wherein n ranges from 1 to 100.

96. The composition according to Claim 90, wherein each of the R<sub>1</sub> groups is a methyl radical.

97. The composition according to Claim 65, wherein the at least one fluoro oil is chosen from fluorosilicone compounds of formula (III) below:



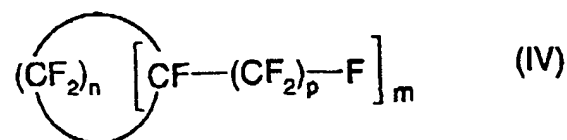
wherein:

R is chosen from divalent methyl, ethyl, propyl, and butyl groups;

m ranges from 0 to 80; and

n ranges from 1 to 30.

98. The composition according to Claim 65, wherein the at least one fluoro oil is chosen from perfluorocycloalkyls of formula (IV):



wherein:

n is equal to 4 or 5;

m is equal to 1 or 2; and

p ranges from 1 to 3;

with the proviso that when  $m = 2$ , the  $(\text{CF}_2)_p\text{-F}$  groups are not necessarily alpha to each other.

99. The composition according to Claim 98, wherein the at least one fluoro oil is chosen from perfluoromethylcyclopentane and perfluorodimethylcyclobutane.

100. The composition according to Claim 65, wherein the at least one fluoro oil is chosen from fluoroalkyl and heterofluoroalkyl compounds of formula (V):



wherein:

t is 0 or 1;

n ranges from 0 to 3;

X is chosen from linear and branched divalent perfluoroalkyl radicals containing from 2 to 5 carbon atoms; and

Z is chosen from O, S, NH,  $-(\text{CH}_2)_n\text{-CH}_3$ , and  $-(\text{CF}_2)_m\text{-CF}_3$ , wherein m ranges from 2 to 5.



101. The composition according to Claim 100, wherein the at least one fluoro oil is chosen from methoxynonafluorobutane and ethoxynonafluorobutane.

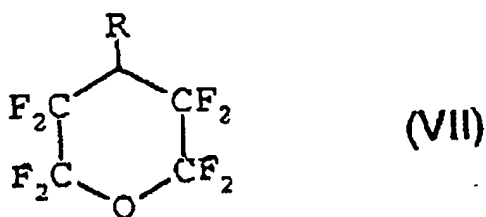
102. The composition according to Claim 65, wherein the at least one fluoro oil is chosen from perfluoroalkane compounds of formula (VI):



wherein n ranges from 2 to 6.

103. The composition according to Claim 102, wherein the at least one fluoro oil is chosen from dodecafluoropentane and tetradecafluorohexane.

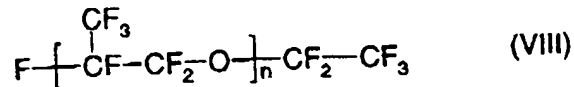
104. The composition according to Claim 65, wherein the at least one fluoro oil is chosen from perfluoromorpholine derivatives of formula (VII):



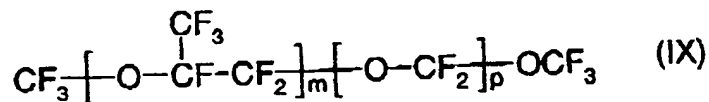
wherein R is chosen from C<sub>1</sub>-C<sub>4</sub> perfluoroalkyl radicals.

105. The composition according to Claim 104, wherein the at least one fluoro oil is chosen from 4-trifluoromethylperfluoromorpholine and 4-pentafluoroethylperfluoromorpholine.

106. The composition according to Claim 65, wherein the at least one fluoro oil is chosen from the perfluoropolyethers of formulae (VIII) and (IX):

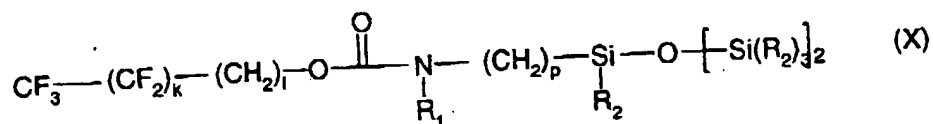


wherein n ranges from 7 to 30; and



wherein the ratio m/p ranges from 20 to 40, and the molecular weight ranges from 500 to 20,000.

107. The composition according to Claim 65, wherein the at least one fluoro oil is chosen from fluorosilicone compounds of formula (X):



wherein:

k ranges from 1 to 17;

l ranges from 1 to 18;

p ranges from 1 to 6;

R<sub>1</sub> is chosen from hydrogen and C<sub>1</sub>-C<sub>6</sub> alkyl radicals;

R<sub>2</sub> is chosen from C<sub>1</sub>-C<sub>6</sub> alkyl radicals and -OSi(R<sub>3</sub>)<sub>3</sub>, R<sub>3</sub> being chosen from C<sub>1</sub>-C<sub>4</sub> alkyl radicals.

N-(2-F-octylethyloxycarbonyl)-3-aminopropylbis(trimethylsiloxy)methylsilane,  
N-(2-F-hexylethyloxycarbonyl)-3-aminopropylbis(trimethylsiloxy)methylsilane,  
N-(2-F-butylethyloxycarbonyl)-3-aminopropylbis(trimethylsiloxy)methylsilane,  
N-(2-F-octylethyloxycarbonyl)-3-aminopropyltris(trimethylsiloxy)silane,  
N-(2-F-hexylethyloxycarbonyl)-3-aminopropyltris(trimethylsiloxy)silane, and  
N-(2-F-butylethyloxycarbonyl)-3-aminopropyltris(trimethylsiloxy)silane.

$$\begin{array}{c} R_1 \\ | \\ R_2 - Si - O - [ \begin{array}{c} R'_1 \\ | \\ (CH_2)_2 \\ | \\ R_F \end{array} ]_m - O - [ \begin{array}{c} R'_1 \\ | \\ R_3 \end{array} ]_n - O - [ \begin{array}{c} R'_1 \\ | \\ R_1 \end{array} ]_p - O - Si - R_2 \\ | \\ R_1 \end{array} \quad (XI)$$

$R_1$  and  $R'_1$  are independently chosen from linear and branched alkyl radicals containing from 1 to 6 carbon atoms, and phenyl radicals;

$R_2$  is chosen from  $R_1$ ,  $-OH$ , and  $-(CH_2)_f-R_F$ ,  $f$  being an integer ranging from 0 to 10;

$R_3$  is chosen from linear and branched alkyl radicals containing from 6 to 22 carbon atoms;

$R_F$  is chosen from  $-(CF_2)_q-CF_3$ ,  $q$  being an integer ranging from 0 to 10;

$m$  and  $n$  are independently chosen from an integer ranging from 1 to 50;

and

$p$  is an integer ranging from 0 to 2,000.

110. The composition according to Claim 109, wherein:

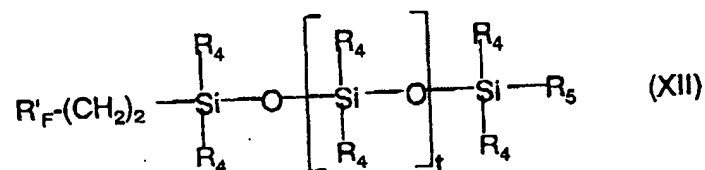
$R_1$ ,  $R'_1$  and  $R_2$  are methyl radicals;

$R_3$  is chosen from linear alkyl radicals containing from 6 to 22 carbon atoms;

$m$  and  $n$  are independently chosen from integers ranging from 1 to 20; and

$q$  is an integer ranging from 0 to 3.

111. The composition according to Claim 65, wherein the at least one fluoro oil is chosen from fluoroalkylsilicones of formula (XII):



wherein:

$R_4$  is chosen from linear and branched alkyl radicals containing from 1 to 6 carbon atoms, and phenyl radicals;

$R_5$  is chosen from linear and branched alkyl radicals containing from 6 to 22 carbon atoms, and phenyl radicals;

$R'_F$  is chosen from  $-(CF_2)_s-CF_3$ , wherein  $s$  is an integer ranging from 0 to 15; and

$t$  is an integer ranging from 1 to 2,000.

112. The composition according to Claim 111, wherein:

$R_4$  is methyl;

$R_5$  is chosen from linear alkyl radicals containing from 6 to 22 carbon atoms; and

$s$  is an integer ranging from 1 to 13.

113. The composition according to Claim 65, wherein the at least one fluoro oil is present in an amount ranging from 0.1% to 50% by weight, relative to the total weight of the composition.

114. The composition according to Claim 113, wherein the at least one fluoro oil is present in an amount ranging from 1% to 30% by weight, relative to the total weight of the composition.

115. The composition according to Claim 114, wherein the at least one fluoro oil is present in an amount ranging from 3% to 15% by weight, relative to the total weight of the composition.

116. The composition according to Claim 65, further comprising at least one additional oil, other than the said at least one fluoro oil.

117. The composition according to Claim 116, wherein the at least one additional oil comprises at least one volatile oil.

118. The composition according to Claim 117, wherein the at least one volatile oil is chosen from volatile hydrocarbon-based oils containing from 8 to 16 carbon atoms.

119. The composition according to Claim 117, wherein the at least one volatile oil is chosen from branched C<sub>8</sub>-C<sub>16</sub> alkanes and branched C<sub>8</sub>-C<sub>16</sub> esters.

120. The composition according to Claim 117, wherein the at least one volatile oil is chosen from C<sub>8</sub>-C<sub>16</sub> isoparaffins and isododecane.

121. The composition according to Claim 65, wherein the at least one liquid fatty phase further comprises at least one additional non-volatile oil, other than the said fluoro oil.

122. The composition according to Claim 121, wherein the additional non-volatile oil is chosen from hydrocarbon-based oils of mineral, animal, plant, or synthetic origin, synthetic esters, ethers, and silicone oils.

123. The composition according to Claim 116, wherein the at least one additional oil is present in an amount ranging from 5% to 97.5% by weight, relative to the total weight of the composition.

124. The composition according to Claim 123, wherein the at least one additional oil is present in an amount ranging from 10% to 75% by weight, relative to the total weight of the composition.

125. The composition according to Claim 124, wherein the at least one additional oil is present in an amount ranging from 15% to 45% by weight, relative to the total weight of the composition.

126. The composition according to Claim 65, wherein the at least one liquid fatty phase further comprises an apolar oil in an amount ranging from greater than zero to 30% by weight, relative to the total weight of the at least one liquid fatty phase.

127. The composition according to Claim 126, wherein the apolar oil is present in an amount ranging from 50% to 100%, relative to the total weight of the at least one liquid fatty phase.

128. The composition according to Claim 65, wherein the at least one liquid fatty phase is present in an amount ranging from 5% to 99% by weight, relative to the total weight of the composition.

129. The composition according to Claim 128, wherein the at least one liquid fatty phase is present in an amount ranging from 20% to 75% by weight, relative to the total weight of the composition.

130. The composition according to Claim 65, further comprising at least one dyestuff.

131. The composition according to Claim 130, wherein the at least one dyestuff is chosen from lipophilic dyes, hydrophilic dyes, pigments, and naces.

132. The composition according to Claim 130, wherein the at least one dyestuff is present in an amount ranging from 0.01% to 50% by weight, relative to the total weight of the composition.

133. The composition according to Claim 132, wherein the at least one dyestuff is present in an amount ranging from 5% to 30% by weight, relative to the total weight of the composition.

134. The composition according to Claim 65, further comprising at least one additive chosen from water, antioxidants, essential oils, preserving agents, fragrances, fillers, waxes, fatty compounds that are pasty at room temperature, neutralizers,

polymers that are liposoluble or dispersible in the physiologically acceptable medium, cosmetic agents, dermatological active agents, and dispersants.

135. The composition according to Claim 65, further comprising at least one additional polymer that is liposoluble or dispersible in the physiologically acceptable medium, the at least one additional polymer being chosen from vinylpyrrolidone copolymers and C<sub>3</sub> to C<sub>22</sub> alkene copolymers.

136. A composition for caring for, treating, or making up a keratin material, comprising at least one liquid fatty phase comprising at least one fluoro oil, wherein the at least one liquid fatty phase is structured with at least one polymer with a weight-average molecular mass of less than or equal to 1,000,000, comprising:

a) a polymer skeleton comprising hydrocarbon-based repeating units, said units comprising at least one hetero atom; and

b) optionally at least one fatty chain chosen from at least one pendent fatty chain and at least one terminal fatty chain, wherein the at least one fatty chain comprises from 6 to 120 carbon atoms, is bonded to the hydrocarbon-based units, and is optionally functionalized, and

wherein the at least one liquid fatty phase and the at least one polymer form a physiologically acceptable medium.

137. A rigid gel comprising at least one liquid fatty phase comprising at least one fluoro oil, wherein the at least one liquid fatty phase is structured with at least one polymer with a weight-average molecular mass of less than or equal to 1,000,000, comprising:



a) a polymer skeleton comprising hydrocarbon-based repeating units, said units comprising at least one hetero atom; and

b) optionally at least one fatty chain chosen from at least one pendent fatty chain and at least one terminal fatty chain, wherein the at least one fatty chain comprises from 6 to 120 carbon atoms, is bonded to the hydrocarbon-based units, and is optionally functionalized, and

wherein the at least one liquid fatty phase and the at least one polymer form a physiologically acceptable medium.

138. The rigid gel according to Claim 137, wherein the gel is in the form of an anhydrous stick.

139. A product, chosen from mascara, eyeliner, a foundation, a lipstick, a blusher, a deodorant product, a make-up-removing product, a body make-up product, an eye shadow, a face powder, a concealer product, a shampoo, a conditioner, an antisen product, a bodycare product, a facial care product, and a nail varnish, the product comprising at least one liquid fatty phase comprising at least one fluoro oil, wherein the at least one liquid fatty phase is structured with at least one polymer with a weight-average molecular mass of less than or equal to 1,000,000, comprising:

a) a polymer skeleton comprising hydrocarbon-based repeating units, said units comprising at least one hetero atom; and

b) optionally at least one fatty chain chosen from at least one pendent fatty chain and at least one terminal fatty chain, wherein the at least one fatty chain comprises from 6 to 120 carbon atoms, is bonded to the hydrocarbon-based units, and is optionally functionalized, and

wherein the at least one liquid fatty phase and the at least one polymer form a physiologically acceptable medium.

140. A stick comprising at least one liquid fatty phase comprising at least one fluoro oil, the at least one liquid fatty phase being structured with at least one polymer with a weight-average molecular mass of less than or equal to 1,000,000, comprising:

a) a polymer skeleton comprising hydrocarbon-based repeating units, said units comprising at least one hetero atom; and

b) optionally at least one fatty chain chosen from at least one pendent fatty chain and at least one terminal fatty chain, the at least one fatty chain containing from 6 to 120 carbon atoms and being linked to the hydrocarbon-based units, the at least one fatty chain being optionally functionalized, and

wherein the at least one liquid fatty phase and the at least one polymer form a physiologically acceptable medium, and the stick having a hardness ranging from 30 to 300 gf.

141. A lipstick composition in stick form, comprising at least one liquid continuous fatty phase comprising at least one fluoro oil, wherein the at least one liquid fatty phase is structured with at least one non-waxy polymer, the lipstick having a hardness ranging from 30 to 300 gf, in the absence of wax.

142. The composition according to Claim 141, further comprising at least one additive chosen from fatty compounds that are pasty at room temperature, and liposoluble polymers.

143. A cosmetic process for caring for, making up or treating human keratin materials, comprising:

applying a cosmetic composition to keratin materials, in an amount effective to care for, make up or treat human keratin materials, the composition comprising at least one liquid fatty phase comprising at least one fluoro oil, wherein the at least one liquid fatty phase is structured with at least one polymer with a weight-average molecular mass of less than or equal to 1,000,000, comprising:

a) a polymer skeleton comprising hydrocarbon-based repeating units, said units comprising at least one hetero atom; and

b) optionally at least one fatty chain chosen from at least one pendent fatty chain and at least one terminal fatty chain, wherein the at least one fatty chain comprises from 6 to 120 carbon atoms, is bonded to the hydrocarbon-based units, and is optionally functionalized, and

wherein the at least one liquid fatty phase and the at least one polymer form a physiologically acceptable medium.

144. A process for reducing the transfer and/or deposit of traces of a film and/or to improve the staying power of the film and/or to obtain a non-sticky film of a cosmetic composition, applied to keratin materials, onto a support placed in contact with said film, comprising:

including at least one polymer in at least one liquid fatty phase comprising a fluoro oil, the at least one polymer having a weight-average molecular mass of less than or equal to 1,000,000 and comprising:

a) a polymer skeleton comprising hydrocarbon-based repeating units, said units comprising at least one hetero atom; and

b) optionally at least one fatty chain chosen from at least one pendent fatty chain and at least one terminal fatty chain, wherein the at least one fatty chain comprises from 6 to 120 carbon atoms, is bonded to the hydrocarbon-based units, and is optionally functionalized, and

wherein the at least one liquid fatty phase and the at least one polymer form a physiologically acceptable medium.

145. The process according to Claim 144, wherein the at least one polymer is a polyamide having end groups comprising an ester group, the ester groups comprising a hydrocarbon-based chain containing from 10 to 42 carbon atoms.

146. A two-product composition, for forming a two-coat care treatment or make-up, the product comprising at least one liquid fatty phase comprising at least one fluoro oil, wherein the at least one liquid fatty phase is structured with at least one polymer with a weight-average molecular mass of less than or equal to 1,000,000, comprising:

a) a polymer skeleton comprising hydrocarbon-based repeating units, said units comprising at least one hetero atom; and

b) optionally at least one fatty chain chosen from at least one pendent fatty chain and at least one terminal fatty chain, wherein the at least one fatty chain comprises from 6 to 120 carbon atoms, is bonded to the hydrocarbon-based units, and is optionally functionalized, and

wherein the at least one liquid fatty phase and the at least one polymer form a physiologically acceptable medium.

PENDING CLAIMS  
Application No. 10/312,083  
Attorney Docket No. 05725.1187  
Filed: December 23, 2002

33. A cosmetic composition comprising an emulsion comprising an aqueous phase and a non-aqueous phase, wherein the non-aqueous phase is gelled with at least one non-siloxane-based polyamide resin and at least one alkylene-oxide-containing emulsion stabilizer.

34. The composition of claim 33 wherein the composition further comprises a color component present in an amount ranging from 0.5% to 30% by weight of the composition.

35. The composition of claim 34 wherein the color component is present in an amount ranging from 5.0% to 30% by weight of the composition.

36. The composition of claim 33 wherein the non-siloxane-based polyamide resin further comprises a terminal end group selected from ester and acid groups.

37. The composition of claim 33 wherein the non-siloxane-based polyamide resin is present in an amount sufficient to gel the composition.

38. The composition of claim 37 wherein said non-siloxane-based polyamide resin is present in an amount from about 0.5% to 80% of the total weight of the composition.

39. The composition of claim 33 wherein said composition further comprises a surfactant.

40. The composition of claim 39 wherein the surfactant has an HLB greater than 7.

41. The composition of claim 33 wherein said non-aqueous phase further comprises at least one volatile compound.

42. The composition of claim 34 in the form of a lipstick.

43. The composition of claim 34 in the form of a mascara.

44. The composition of claim 43 wherein said composition is wax-free.

45. A stable cosmetic emulsion comprising:

- (a) a colorant component present in an amount ranging from 0.5% to 30% by weight of the composition,
- (b) an aqueous phase, and

(c) a non-aqueous phase, wherein the non-aqueous phase comprises at least a gelling-sufficient amount of at least one non-siloxane-based polyamide resin having a terminal end group selected from acid and ester groups, and at least one ethylene-oxide containing surfactant.

46. The emulsion of claim 45 wherein said emulsion is wax-free.

47. A method of making a cosmetic composition comprising the steps of adding a gelling-sufficient amount of a non-siloxane-based polyamide resin to an emulsion comprising a non-aqueous phase and an aqueous phase, and dispersing the aqueous phase with the non-aqueous phase, at least one alkylene-oxide-containing emulsion stabilizer, and a colorant, wherein the colorant is present in an amount ranging from 0.5% to 30%.

48. A method of making a cosmetic composition according to claim 47, wherein said composition further comprises one or more active agents.

49.-51. Canceled.

52. A cosmetic composition comprising an emulsion comprising an aqueous phase and a non-aqueous phase, wherein the non-aqueous phase is gelled with at least one non-siloxane-based polyamide resin and at least one

alkylene-oxide-containing emulsion stabilizer, and at least one color component present in an amount ranging from 0.01% to 50% by weight of the composition.



PENDING CLAIMS  
Application No. 10/450,108  
Attorney Docket No. 05725.1198  
Filed: June 11, 2003

- 5 1. Composition comprising, in a physiologically acceptable medium containing a fatty phase, at least one first polymer with a weight-average molecular mass of less than 100 000, comprising a) a polymer skeleton containing hydrocarbon-based repeating units containing at least one  
10 hetero atom, and optionally b) at least one pendent fatty chain and/or at least one terminal fatty chain, which may be functionalized, containing from 6 to 120 carbon atoms and being linked to these hydrocarbon-based units, and at least one or more fibres.
- 15 2. Composition according to Claim 1, characterized in that the average molar mass of the first polymer is less than 100 000, preferably less than 50 000.
- 20 3. Composition according to Claim 1 or 2, characterized in that the units containing a hetero atom of the first polymer comprise a nitrogen atom.
- 25 4. Composition according to one of the preceding claims, characterized in that the units containing a hetero atom of the first polymer are amide groups.
- 30 5. Composition according to one of the preceding claims, characterized in that the fatty chains represent from 40% to 98% and better still from 50% to 95% of the total number of units containing a hetero atom and of fatty chains.
6. Composition according to one of the preceding claims, characterized in that the pendent fatty chains are linked directly to at least one of the said hetero atoms.

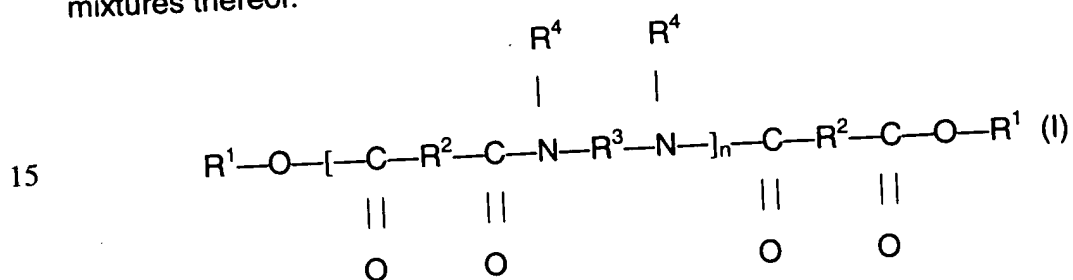
7. Composition comprising, in a physiologically acceptable medium comprising a fatty phase, at least one first polyamide polymer with a weight-average molecular mass of less than 100 000, comprising a) a polymer skeleton containing amide repeating units, and b) optionally at least one pendent fatty chain and/or at least one terminal fatty chain, which may be functionalized, containing from 6 to 120 carbon atoms and being linked to these amide units, and one or more fibres.
8. Composition according to the preceding claim, characterized in that the fatty chains represent from 40% to 98% of the total number of amide units and of fatty chains.
9. Composition according to Claim 7 or 8, characterized in that the fatty chains represent from 50% to 95% of the total number of amide units and of fatty chains.
10. Composition according to one of Claims 7 to 10, characterized in that the pendent fatty chains are linked directly to at least one of the nitrogen atoms of the amide units.
11. Composition according to one of the preceding claims, characterized in that the average molar mass of the first polymer ranges from 1 000 to 100 000, preferably from 1 000 to 50 000 and better still from 1 000 to 30 000.
12. Composition according to one of the preceding claims, characterized in that the weight-average molar mass of the first film-forming polymer ranges from 2 000 to 20 000 and preferably from 2 000 to 10 000.

13. Composition according to one of the preceding claims, characterized in that the terminal fatty chain(s) is (are) linked to the skeleton via bonding groups.

5 14. Composition according to Claim 13, characterized in that the bonding groups are ester groups.

15. Composition according to one of the preceding claims, characterized in that the fatty chain(s) contain(s) from 12 to 68 carbon atoms.

10 16. Composition according to one of the preceding claims, characterized in that the first polymer is chosen from polymers of formula (I) below, and mixtures thereof:



in which n denotes a number of amide units such that the number of ester groups represents from 10% to 50% of the total number of ester and amide groups; R<sup>1</sup> is, independently in each case, an alkyl or alkenyl group containing at least 4 carbon atoms; R<sup>2</sup> represents, independently in each case, a C<sub>4</sub> to C<sub>42</sub> hydrocarbon-based group, on condition that 50% of the groups R<sup>2</sup> represent a C<sub>30</sub> to C<sub>42</sub> hydrocarbon-based group; R<sup>3</sup> represents, independently in each case, an organic group containing at least 2 carbon atoms, hydrogen atoms and optionally one or more oxygen or nitrogen atoms; and R<sup>4</sup> represents, independently in each case, a hydrogen atom, a C<sub>1</sub> to C<sub>10</sub> alkyl group or a direct bond to R<sup>3</sup> or to another R<sup>4</sup>, such that the nitrogen atom to which R<sup>3</sup> and R<sup>4</sup> are both attached forms part of a heterocyclic structure defined by R<sup>4</sup>-N-R<sup>3</sup>, with at least 50% of the groups R<sup>4</sup> representing a hydrogen atom.

20

25

30

17. Composition according to the preceding claim, characterized in that  $R^1$  is a  $C_{12}$  to  $C_{22}$  alkyl group.
18. Composition according to either of Claims 15 and 16, characterized  
5 in that  $R^2$  are groups containing from 30 to 42 carbon atoms.
19. Composition according to one of the preceding claims, characterized  
in that the first polymer is present in a content ranging from 0.01% to 10%  
by weight, relative to the total weight of the composition, preferably ranging  
10 from 0.05% to 5% by weight and better still ranging from 0.1% to 3% by  
weight.
20. Composition according to one of the preceding claims, characterized  
in that the fibre(s) is(are) chosen from silk, cotton, wool or flax fibres,  
15 cellulose fibres extracted in particular from wood, plants or algae,  
polyamide, cork, sugar cane, rayon or viscose fibres, acetate fibres, in  
particular rayon acetate, cellulose acetate or silk acetate fibres, poly-  
(p-phenyleneterephthalamide) fibres, acrylic polymer fibres, in particular  
polymethyl methacrylate or poly-2-hydroxyethyl methacrylate fibres,  
20 polyolefin fibres and in particular polyethylene or polypropylene fibres,  
glass, silica or carbon fibres, in particular in graphite form,  
polytetrafluoroethylene, insoluble collagen, polyester, polyvinyl chloride or  
polyvinylidene chloride, polyvinyl alcohol, polyacrylonitrile, chitosan,  
polyurethane or polyethylene phthalate fibres, fibres formed from mixtures  
25 of polymers, and surgical fibres, and mixtures thereof.
21. Composition according to any one of the preceding claims,  
characterized in that the fibres are fibres of synthetic origin.
22. Composition according to one of the preceding claims, characterized  
30 in that the fibre(s) contain(s) a chemical group of the same chemical nature

as that of the units of the structuring polymer or a group capable of forming physical bonds of the same type as that of the units of the polymer.

23. Composition according to one of the preceding claims, characterized  
5 in that the fibre is hydrophobic-treated.

24. Composition according to any one of the preceding claims, characterized in that the fibres are polyamide fibres or poly-(p-phenyleneterephthamide) fibres.

10

25. Composition according to any one of the preceding claims, characterized in that the fibres have a length L and a diameter D such that L/D is chosen in the range from 1.5 to 2 500, preferably from 3.5 to 500 and better still from 5 to 150.

15

26. Composition according to any one of the preceding claims, characterized in that the fibres have a length ranging from 1 nm to 20 mm, preferably from 10 nm to 5 mm and more preferably from 0.1 mm to 1.6 mm.

20

27. Composition according to one of the preceding claims, characterized in that the fibre is present in a content ranging from 0.1% to 40% by weight, relative to the total weight of the composition, preferably from 1% to 30% by weight and better still from 5% to 20% by weight.

25

28. Composition according to any one of the preceding claims, characterized in that it contains at least one wax.

29. Composition according to any one of the preceding claims,  
30 characterized in that it contains at least one wax having a melting point of greater than 30°C, which may be up to 120°C.

30. Composition according to any one of the preceding claims, characterized in that it contains a wax chosen from the group formed by beeswax, lanolin wax, Chinese insect waxes, rice wax, carnauba wax, candelilla wax, ouricury wax, cork fibre wax, sugar cane wax, Japan wax, 5 sumach wax, montan wax, microcrystalline waxes, paraffin waxes, ozokerites, ceresin wax, lignite wax, polyethylene waxes and the waxes obtained by Fisher-Tropsch synthesis, fatty acid esters of glycerides that are solid at 40°C, the waxes obtained by catalytic hydrogenation of animal or plant oils containing linear or branched C<sub>8</sub>-C<sub>32</sub> fatty chains, silicone 10 waxes and fluoro waxes, and mixtures thereof.

31. Composition according to any one of the preceding claims, characterized in that it comprises a wax having a hardness ranging from 0.05 MPa to 15 MPa.

15

32. Composition according to any one of Claims 28 to 31, characterized in that the wax is dispersed in an aqueous medium in the form of particles with an average size ranging from 50 nm to 10 µm and preferably ranging from 50 nm to 3.5 µm.

20

33. Composition according to any one of Claims 28 to 32, characterized in that the wax is present in a content ranging from 0.1% to 50% by weight, relative to the total weight of the composition, preferably from 0.5% to 30% by weight and better still from 1% to 20% by weight.

25

34. Composition according to any one of the preceding claims, characterized in that it contains a volatile oil or organic solvent.

35. Composition according to Claim 34, characterized in that the volatile 30 oil is chosen from hydrocarbon-based volatile oils containing from 8 to 16 carbon atoms.

36. Composition according to Claim 34 or 35, characterized in that the volatile oil is present in a content ranging from 0.1% to 98% by weight, relative to the total weight of the composition, and preferably ranging from 1% to 65% by weight.

5

37. Composition according to one of the preceding claims, characterized in that it comprises a non-volatile oil.

38. Composition according to one of the preceding claims, characterized in that it also contains at least one non-volatile oil chosen from  
10 hydrocarbon-based oils of mineral, plant or synthetic origin, synthetic esters or ethers and silicone oils, and mixtures thereof.

39. Composition according to one of the preceding claims, characterized in that the fatty phase is present in a content ranging from 2% to 98% by  
15 weight, relative to the total weight of the composition, preferably ranging from 5% to 85% by weight.

40. Composition according to any one of the preceding claims, characterized in that it comprises an aqueous phase.

20

41. Composition according to any one of the preceding claims, characterized in that it comprises a second film-forming polymer which is different from the first polymer.

25 42. Composition according to Claim 41, characterized in that the second film-forming polymer is chosen from the group formed by vinyl polymers, polyurethanes, polyesters, polyamides, polyureas and cellulose polymers.

43. Composition according to Claim 41 or 42, characterized in that the  
30 second film-forming polymer is dissolved in an aqueous phase or is in the form of particles in aqueous dispersion.

44. Composition according to any one of Claims 40 to 42, characterized in that the second film-forming polymer is dissolved or dispersed in the form of surface-stabilized particles in a liquid fatty phase.

5 45. Composition according to any one of Claims 40 to 44, characterized in that the second film-forming polymer is present in a content ranging from 0.1% to 60% by weight, relative to the total weight of the composition, preferably from 0.5% to 40% by weight and better still from 1% to 30% by weight.

10 46. Composition according to one of the preceding claims, characterized in that it also contains at least one dyestuff.

15 47. Composition according to Claim 46, characterized in that the dyestuff is chosen from pigments, nacles, liposoluble dyes and water-soluble dyes, and mixtures thereof.

20 48. Composition according to Claim 46 or 47, characterized in that the dyestuff is present in a proportion of from 0.01% to 50% relative to the total weight of the composition, preferably ranging from 0.01% to 30% by weight.

25 49. Composition according to one of the preceding claims, characterized in that it constitutes a care composition or make-up composition for keratin materials.

30 50. Composition according to one of the preceding claims, characterized in that it contains at least one additive chosen from water, antioxidants, fillers, preserving agents, fragrances, neutralizing agents, thickeners and cosmetic or dermatological active agents, and mixtures thereof.



51. Composition according to one of the preceding claims, characterized in that it is in the form of a mascara, an eyeliner, a product for the eyebrows, a product for the lips, a face powder, an eyeshadow, a foundation, a make-up product for the body, a concealer product, a nail  
5 varnish, a skincare product or a haircare product.

52. Mascara comprising a composition according to any one of Claims 1 to 50.

10 53. Cosmetic process for making up or caring for the keratin materials of human beings, comprising the application of a cosmetic composition in accordance with one of Claims 1 to 51 to the keratin materials.

54. Use of a composition according to any one of Claims 1 to 51 to  
15 obtain a deposit which adheres to keratin materials.

55. Use of a mascara according to Claim 52 to thicken and/or lengthen the eyelashes.

20 56. Use of a combination of at least one first polymer with a weight-average molecular mass of less than 100 000 and better still less than 50 000, comprising a) a polymer skeleton containing hydrocarbon-based repeating units containing at least one hetero atom, and b) optionally at least one pendent fatty chain and/or at least one terminal fatty chain, which  
25 may be functionalized, containing from 6 to 120 carbon atoms and being linked to these hydrocarbon-based units, and at least one fibre, in a physiologically acceptable composition, to obtain a deposit which adheres to keratin materials.

30 57. Use according to Claim 56, characterized in that the fibre(s) contain(s) a chemical group of the same chemical nature as those of the

units of the first polymer or a group capable of forming physical bonds of the same type as that of the units of the first polymer.

58. Use according to Claim 56 or 57, characterized in that the first  
5 polymer is a polyamide comprising end groups containing an ester group  
comprising a hydrocarbon-based chain containing from 10 to 42 carbon  
atoms.

59. Use according to one of Claims 56 to 58, characterized in that the  
10 fibre is chosen from polyester fibres, polyamide fibres or poly-(p-phenylene  
terephthalamide) fibres.

60. Use according to one of Claims 56 to 59, characterized in that the  
first polymer has a weight-average molecular mass ranging from 1 000 to  
15 30 000.

61. Use according to any one of Claims 56 to 60, characterized in that  
the composition comprises a second film-forming polymer which is different  
from the first polymer.

## ABSTRACT

**Cosmetic composition comprising a polymer and fibres**

The invention relates to a composition comprising, in a physiologically acceptable medium containing a fatty phase, a polymer with a weight-average molecular mass of less than 100 000 and in particular ranging from 1 000 to 30 000, comprising a) a polymer skeleton containing hydrocarbon-based repeating units containing at least one hetero atom, and optionally b) pendent fatty chains and/or terminal fatty chains, which may be functionalized, containing from 6 to 120 carbon atoms and being linked to these units, and fibres

PENDING CLAIMS  
Application No. 10/466,166  
Attorney Docket No. 05825.1228  
Filed: July 14, 2003

5

1. Composition comprising, in a physiologically acceptable medium containing a fatty phase:

- (i) a first polymer with a weight-average molecular mass of less than 100 000, comprising a) a polymer skeleton with hydrocarbon-based repeating units containing at least one hetero atom, and optionally b) optionally functionalized pendent and/or terminal fatty chains containing from 6 to 120 carbon atoms, which are linked to these hydrocarbon-based units,

- (ii) an anionic film-forming polymer,

15 - (iii) a cationic film-forming polymer,

the said anionic and cationic film-forming polymers being different from the said first polymer.

2. Composition according to Claim 1, characterized in that the average molar mass of the first polymer is less than 50 000.

20 3. Composition according to Claim 1 or 2, characterized in that the units containing a hetero atom of the first polymer are amide groups.

4. Composition according to any one of the preceding claims, characterized in that the fatty chains of the auxiliary polymer represent from 40% to 98% of the total number of units containing a hetero atom and of fatty chains.

25 5. Composition according to any one of the preceding claims, characterized in that the fatty chains of the first polymer represent from 50% to 95% of the total number of units containing a hetero atom and of fatty chains.

30 6. Composition according to any one of the preceding claims, characterized in that the pendent fatty chains of the first polymer are linked directly to at least one of the said hetero atoms.

7. Composition containing, in a cosmetically acceptable

medium:

- (i) a first polyamide polymer with a weight-average molecular mass of less than 100 000, comprising a) a polymer skeleton with amide repeating units and b) optionally at least one optionally functionalized pendent fatty chain and/or at least one optionally functionalized terminal chain, containing from 6 to 120 carbon atoms, which are linked to these amide units,
  - (ii) an anionic film-forming polymer,
  - (iii) a cationic film-forming polymer,
- 10 the said anionic and cationic film-forming polymers being different from the said first polymer.

8. Composition according to Claim 6, characterized in that the fatty chains of the first polymer represent from 40% to 98% of the total number of amide units and of fatty chains.

15 9. Composition according to any one of Claims 6 to 8, characterized in that the fatty chains of the first polymer represent from 50% to 95% of the total number of amide units and of fatty chains.

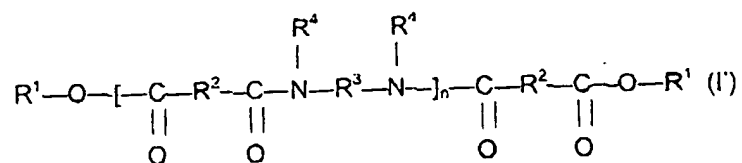
10. Composition according to any one of Claims 6 to 9, characterized in that the pendent fatty chains of the first polymer are linked directly to at least one of the nitrogen atoms of the amide units.

11. Composition according to any one of the preceding claims, characterized in that the weight-average molecular mass of the first polymer ranges from 2000 to 20 000 and better still from 2000 to 10 000.

12. Composition according to any one of the preceding claims, characterized in that the terminal fatty chains of the first polymer are linked to the skeleton via ester groups.

13. Composition according to any one of the preceding claims, characterized in that the fatty chains of the auxiliary polymer contain from 12 to 68 carbon atoms.

30 14. Composition according to any one of the preceding claims, characterized in that the first polymer is chosen from the polymers of formula (I') below, and mixtures thereof:



- in which n denotes a number of amide units such that the number of ester groups represents from 10% to 50% of the total number of ester and amide groups; R<sup>1</sup> is, independently in each case, an alkyl or alkenyl group containing at least 4 carbon atoms; R<sup>2</sup> represents, independently in each case, a C<sub>4</sub> to C<sub>42</sub> hydrocarbon-based group, on condition that at least 50% of the groups R<sup>2</sup> represent a C<sub>30</sub> to C<sub>42</sub> hydrocarbon-based group; R<sup>3</sup> represents, independently in each case, an organic group containing at least 2 carbon atoms, hydrogen atoms and optionally one or more oxygen or nitrogen atoms; and R<sup>4</sup> represents, independently in each case, a hydrogen atom, a C<sub>1</sub> to C<sub>10</sub> alkyl group or a direct bond to R<sup>3</sup> or to another R<sup>4</sup>, such that the nitrogen atom to which R<sup>3</sup> and R<sup>4</sup> are both attached forms part of a heterocyclic structure defined by R<sup>4</sup>-N-R<sup>3</sup>, with at least 50% of the groups R<sup>4</sup> representing a hydrogen atom.

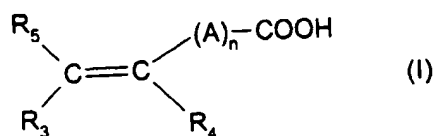
15. Composition according to Claim 14, characterized in that R<sup>1</sup> is a C<sub>12</sub> to C<sub>22</sub> alkyl group.

16. Composition according to Claim 14 or 15, characterized in that the radicals R<sup>2</sup> are groups containing from 30 to 42 carbon atoms.

17. Composition according to any one of the preceding claims, characterized in that the first polymer is present in a content ranging from 0.01% to 10% by weight, preferably ranging from 0.05% to 5% by weight and better still ranging from 0.1% to 3% by weight, relative to the total weight of the composition.

18. Composition according to any one of the preceding claims, characterized in that the anionic film-forming polymer is chosen from:

- polymers comprising carboxylic units derived from unsaturated monocarboxylic or dicarboxylic acid monomers of formula (I):



- 5 in which n is an integer from 0 to 10, A denotes a methylene group, optionally connected to the carbon atom of the unsaturated group or to the neighbouring methylene group when n is greater than 1 via a hetero atom such as oxygen or sulphur, R<sub>5</sub> denotes a hydrogen atom or a phenyl or benzyl group, R<sub>3</sub> denotes a hydrogen atom or a lower alkyl or carboxyl group, and R<sub>4</sub> denotes a hydrogen atom, a lower alkyl group or a -CH<sub>2</sub>-COOH, phenyl or benzyl group,
- 10 - polymers comprising units derived from sulphonic acid, such as vinylsulphonic, styrenesulphonic and acrylamidoalkylsulphonic units, and sulphonic polyesters, and
- 15 - mixtures thereof.
19. Composition according to any one of the preceding claims, characterized in that the anionic film-forming polymer is chosen from:
- 20 A) homo- or copolymers of acrylic or methacrylic acid or salts thereof, the sodium salts of copolymers of acrylic acid and of acrylamide, and the sodium salts of polyhydroxycarboxylic acids;
- B) copolymers of acrylic or methacrylic acids with a monoethylenic monomer such as ethylene, styrene, vinyl esters and acrylic or methacrylic acid esters, optionally grafted onto a polyalkylene glycol such as
- 25 polyethylene glycol; copolymers of this type comprising in their chain an optionally N-alkylated and/or hydroxyalkylated acrylamide unit, copolymers of acrylic acid and of C<sub>1</sub>-C<sub>4</sub> alkyl methacrylate and terpolymers of vinylpyrrolidone, of acrylic acid and of C<sub>1</sub>-C<sub>20</sub> alkyl methacrylate;

C) copolymers derived from crotonic acid, such as those whose chain comprises vinyl acetate or propionate units and optionally other monomers such as allylic or methallylic esters, vinyl ether or vinyl ester of a saturated, linear or branched carboxylic acid containing a long hydrocarbon-based chain such as those comprising at least 5 carbon atoms, it being possible for these polymers to be optionally grafted;

D) polymers derived from maleic, fumaric or itaconic acids or anhydrides with vinyl esters, vinyl ethers, vinyl halides, phenylvinyl derivatives, acrylic acid and esters thereof; copolymers of maleic, citraconic or itaconic anhydrides and of an allylic or methallylic ester optionally comprising an acrylamide, methacrylamide,  $\alpha$ -olefin, acrylic or methacrylic ester, acrylic or methacrylic acid or vinylpyrrolidone group in their chain, the anhydride functions are monoesterified or monoamidated;

E) polyacrylamides comprising carboxylate groups,

15 F) deoxyribonucleic acid;

G) copolymers of at least one dicarboxylic acid, of at least one diol and of at least one difunctional aromatic monomer bearing a group  $-\text{SO}_3\text{M}$  with M representing a hydrogen atom, an ammonium ion  $\text{NH}_4^+$  or a metal ion; - and mixtures thereof.

20 20. Composition according to any one of the preceding claims, characterized in that the anionic film-forming polymer is chosen from:

- acrylic or methacrylic acid homopolymers;

- acrylic acid copolymers such as the acrylic acid/

25 ethyl acrylate/N-tert-butylacrylamide terpolymer;

- copolymers derived from crotonic acid, such as vinyl acetate/vinyl tert-butylbenzoate/crotonic acid terpolymers and crotonic acid/vinyl acetate/vinyl neododecanoate terpolymers;

- polymers derived from maleic, fumaric or itaconic acids or anhydrides with vinyl esters, vinyl ethers, vinyl halides, phenylvinyl derivatives or acrylic acid and esters thereof, such as methyl vinyl ether/monoesterified maleic anhydride copolymers;

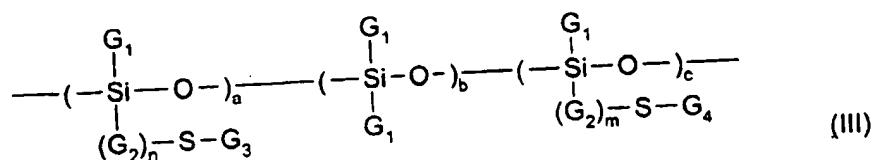
30



- copolymers of methacrylic acid and of methyl methacrylate;
- copolymers of methacrylic acid and of ethyl acrylate;
- terpolymers of vinylpyrrolidone/acrylic acid/lauryl methacrylate;
- vinyl acetate/crotonic acid copolymers;
- 5 - vinyl acetate/crotonic acid/polyethylene glycol terpolymers;
- sulphopolyesters obtained by condensation of diethylene glycol, cyclohexanedimethanol, isophthalic acid and sulphisophthalic acid,
- and mixtures thereof.

21. Composition according to any one of the preceding  
 10 claims, characterized in that the anionic film-forming polymer is chosen from anionic polymers of grafted silicone type comprising a polysiloxane portion and a portion consisting of a non-silicone organic chain, one of the two portions constituting the main chain of the polymer, the other being grafted onto the said main chain.

22. Composition according to Claim 21, characterized in  
 15 that the grafted silicone polymer is chosen from silicone polymers whose structure comprises the unit of formula (III) below:



20

in which the radicals  $\text{G}_1$ , which may be identical or different, represent hydrogen or a  $\text{C}_1\text{-C}_{10}$  alkyl radical or alternatively a phenyl radical; the radicals  $\text{G}_2$ , which may be identical or different, represent a  $\text{C}_1\text{-C}_{10}$  alkylene group;  $\text{G}_3$  represents a polymer residue resulting from the  
 25 (homo)polymerization of at least one ethylenically unsaturated anionic monomer;  $\text{G}_4$  represents a polymer residue resulting from the (homo)polymerization of at least one ethylenically unsaturated hydrophobic monomer;  $m$  and  $n$  are equal to 0 or 1;  $a$  is an integer ranging from 0 to 50;  $b$  is an integer which can be between 10 and 350,  $c$  is an integer ranging

from 0 to 50; with the proviso that one of the parameters a and c is other than 0.

23. Composition according to Claim 22, characterized in that the unit of formula (III) has at least one of the following characteristics:

- the radicals  $G_1$  denote a  $C_1$ - $C_{10}$  alkyl radical;
- n is non-zero and the radicals  $G_2$  represent a divalent  $C_1$ - $C_3$  radical;
- $G_3$  represents a polymer radical resulting from the (homo)polymerization of at least one monomer such as an ethylenically unsaturated carboxylic acid;
- $G_4$  represents a polymer radical resulting from the (homo)polymerization of at least one monomer such as a  $C_1$ - $C_{10}$  alkyl (meth)acrylate.

24. Composition according to Claim 22 or 23, characterized in that the unit of formula (III) simultaneously has the following characteristics:

- the radicals  $G_1$  denote a methyl radical;
- n is non-zero and the radicals  $G_2$  represent a propylene radical;
- $G_3$  represents a polymer radical resulting from the (homo)polymerization of at least acrylic acid and/or methacrylic acid;
- $G_4$  represents a polymer radical resulting from the (homo)polymerization of at least isobutyl or methyl (meth)acrylate.

25. Composition according to any one of the preceding claims, characterized in that the cationic film-forming polymer is chosen from quaternary cellulose ether derivatives, copolymers of cellulose with a water-soluble quaternary ammonium monomer, cyclopolymers, cationic polysaccharides, cationic silicone polymers, quaternized or non-quaternized vinylpyrrolidone-dialkylaminoalkyl acrylate or methacrylate copolymers, quaternary polymers of vinylpyrrolidone and of vinylimidazole, and polyaminoamides, and mixtures thereof.

26. Composition according to any one of the preceding claims, characterized in that the anionic film-forming polymer is a poly(sodium methacrylate).

27. Composition according to any one of the preceding claims, characterized in that the cationic film-forming polymer is a hydroxy(C<sub>1</sub>-C<sub>4</sub>)alkylcellulose comprising quaternary ammonium groups.

28. Composition according to any one of the preceding claims, characterized in that the cationic film-forming polymer is present in a content ranging from 0.01% to 20% by weight, preferably from 0.01% to 15% by weight and even more preferentially from 0.05% to 5% by weight, relative to the total weight of the composition.

29. Composition according to any one of the preceding claims, characterized in that the anionic film-forming polymer is present in a content ranging from 0.01% to 20% by weight, preferably from 0.05% to 15% by weight and even more preferentially from 0.1% to 7% by weight, relative to the total weight of the composition.

30. Composition according to any one of the preceding claims, characterized in that it also comprises a wax.

31. Composition according to Claim 30, characterized in that the wax is chosen from the group formed by beeswax, lanolin wax, Chinese insect waxes, rice wax, carnauba wax, candelilla wax, ouricury wax, cork fibre wax, sugar cane wax, Japan wax, sumach wax, montan wax, microcrystalline waxes, paraffin waxes, ozokerites, ceresin wax, lignite wax, polyethylene waxes and the waxes obtained by Fisher-Tropsch synthesis, fatty acid esters of glycerides that are solid at 40°C, the waxes obtained by catalytic hydrogenation of animal or plant oils containing linear or branched C<sub>8</sub>-C<sub>32</sub> fatty chains, silicone waxes and fluoro waxes, and mixtures thereof.

32. Composition according to Claim 30 or 31, characterized in that the wax is present in a content ranging from 0.1% to 50% by weight, preferably from 0.5% to 40% by weight and better still from 1% to 30% by weight, relative to the total weight of the composition.

33. Composition according to any one of the preceding claims, characterized in that the fatty phase comprises at least one oil chosen from the group formed by hydrocarbon-based oils, fluoro oils and/or silicone oils of mineral, animal, plant or synthetic origin, alone or as a mixture.

34. Composition according to any one of the preceding claims, characterized in that the fatty phase comprises at least one volatile oil.

35. Composition according to any one of the preceding claims, characterized in that the fatty phase comprises a volatile oil chosen from hydrocarbon-based volatile oils containing from 8 to 16 carbon atoms.

36. Composition according to Claim 34 or 35, characterized in that the volatile oil is present in a content ranging from 0.1% to 98% by weight and preferably from 1% to 65% by weight, relative to the total weight of the composition.

37. Composition according to any one of the preceding claims, characterized in that the composition comprises an aqueous phase containing water or a mixture of water and of water-miscible organic solvent.

38. Composition according to any one of the preceding claims, characterized in that the composition contains at least one dyestuff.

39. Composition according to Claim 38, characterized in that the dyestuff is chosen from pigments, naces, water-soluble dyes and liposoluble dyes, and mixtures thereof.

40. Composition according to Claim 38 or 39, characterized in that the dyestuff is present in a proportion of from 0.01% to 30% of the total weight of the composition.

41. Composition according to any one of the preceding claims, characterized in that the composition contains at least one additive chosen from surfactants, thickeners, antioxidants, fillers, preserving agents, fragrances, neutralizers and cosmetic or dermatological active agents, and mixtures thereof.

42. Composition according to any one of the preceding claims, characterized in that the composition is in the form of a mascara, a product for the eyebrows or a product for the hair.

43. Mascara comprising a composition according to any one of Claims 1 to 41.

44. Non-therapeutic makeup or care process for keratin materials, especially keratin fibres, comprising the application to the keratin materials of a composition according to any one of the preceding claims.

45. Use of a composition according to any one of Claims 1 to 42, to obtain a deposit that adheres to keratin materials and/or to obtain a fast makeup result on keratin materials.

46. Use of a mascara according to Claim 43, to thicken the eyelashes.

47. Use of the combination of  
 - (i) a first polymer with a weight-average molecular mass of less than 100 000, comprising a) a polymer skeleton with hydrocarbon-based repeating units containing at least one hetero atom, and optionally b) optionally functionalized pendent and/or terminal fatty chains containing from 6 to 120 carbon atoms, which are linked to these hydrocarbon-based

units,

- (ii) an anionic film-forming polymer,

- (iii) a cationic film-forming polymer,

the said anionic and cationic film-forming polymers being different from the said first polymer, in a makeup composition comprising a physiologically

acceptable medium containing a fatty phase,

to obtain a deposit that adheres to the keratin materials and/or a fast makeup result on keratin materials and/or to thicken the eyelashes.

48. Use according to Claim 47, characterized in that the average molar mass of the first polymer is less than 50 000.

49. Use according to Claim 47 or 48, characterized in that the units containing a hetero atom of the first polymer are amide groups.

50. Use according to any one of Claims 47 to 49, characterized in that the fatty chains of the auxiliary polymer represent from 40% to 98% of the total number of units containing a hetero atom and of fatty chains.

5 51. Use according to any one of Claims 47 to 50, characterized in that the fatty chains of the first polymer represent from 50% to 95% of the total number of units containing a hetero atom and of fatty chains.

52. Use according to any one of Claims 47 to 51, characterized in that the pendent fatty chains of the first polymer are linked directly to at least one of the said hetero atoms.

53. Use of the combination of:

15 - (i) a first polyamide polymer with a weight-average molecular mass of less than 100 000, comprising a) a polymer skeleton with amide repeating units and b) optionally at least one optionally functionalized pendent fatty chain and/or at least one optionally functionalized terminal chain, containing from 6 to 120 carbon atoms, which are linked to these amide units,

- (ii) an anionic film-forming polymer,

- (iii) a cationic film-forming polymer,

20 the said anionic and cationic film-forming polymers being different from the said first polymer,

to obtain a deposit that adheres to the keratin materials and/or a fast makeup result on keratin materials and/or to thicken the eyelashes.

54. Use according to Claim 53, characterized in that the 25 fatty chains of the first polymer represent from 40% to 98% of the total number of amide units and of fatty chains.

55. Use according to either of Claims 53 and 54, characterized in that the fatty chains of the first polymer represent from 50% to 95% of the total number of amide units and of fatty chains.

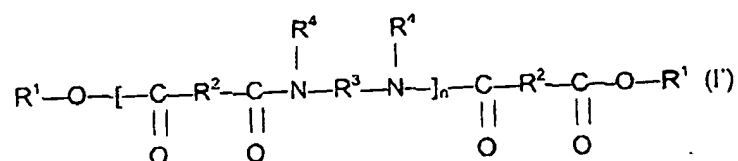
30 56. Use according to any one of Claims 53 to 55, characterized in that the pendent fatty chains of the first polymer are linked directly to at least one of the nitrogen atoms of the amide units.

57. Use according to any one of Claims 47 to 56, characterized in that the weight-average molecular mass of the first polymer ranges from 2000 to 20 000 and better still from 2000 to 10 000.

58. Use according to any one of Claims 47 to 57, characterized in that the terminal fatty chains of the first polymer are linked to the skeleton via ester groups.

59. Use according to any one of Claims 47 to 58, characterized in that the fatty chains of the auxiliary polymer contain from 12 to 68 carbon atoms.

60. Use according to any one of Claims 47 to 59, characterized in that the first polymer is chosen from the polymers of formula (I') below, and mixtures thereof:



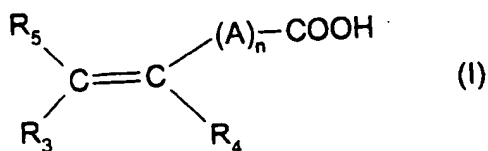
in which n denotes a number of amide units such that the number of ester groups represents from 10% to 50% of the total number of ester and amide groups; R<sup>1</sup> is, independently in each case, an alkyl or alkenyl group containing at least 4 carbon atoms; R<sup>2</sup> represents, independently in each case, a C<sub>4</sub> to C<sub>42</sub> hydrocarbon-based group, on condition that at least 50% of the groups R<sup>2</sup> represent a C<sub>30</sub> to C<sub>42</sub> hydrocarbon-based group; R<sup>3</sup> represents, independently in each case, an organic group containing at least 2 carbon atoms, hydrogen atoms and optionally one or more oxygen or nitrogen atoms; and R<sup>4</sup> represents, independently in each case, a hydrogen atom, a C<sub>1</sub> to C<sub>10</sub> alkyl group or a direct bond to R<sup>3</sup> or to another R<sup>4</sup>, such that the nitrogen atom to which R<sup>3</sup> and R<sup>4</sup> are both attached forms part of a heterocyclic structure defined by R<sup>4</sup>-N-R<sup>3</sup>, with at least 50% of the groups R<sup>4</sup> representing a hydrogen atom.

61. Use according to Claim 60, characterized in that  $R^1$  is a  $C_{12}$  to  $C_{22}$  alkyl group.

62. Use according to Claim 60 or 61, characterized in that the radicals  $R^2$  are groups containing from 30 to 42 carbon atoms.

5 63. Use according to any one of Claims 47 to 62, characterized in that the first polymer is present in the composition in a content ranging from 0.01% to 10% by weight, preferably ranging from 0.05% to 5% by weight and better still ranging from 0.1% to 3% by weight, relative to the total weight of the composition.

10 64. Use according to any one of Claims 47 to 63, characterized in that the anionic film-forming polymer is chosen from:  
- polymers comprising carboxylic units derived from unsaturated monocarboxylic or dicarboxylic acid monomers of formula (I):



15 in which n is an integer from 0 to 10, A denotes a methylene group, optionally connected to the carbon atom of the unsaturated group or to the neighbouring methylene group when n is greater than 1 via a hetero atom such as oxygen or sulphur,  $R_5$  denotes a hydrogen atom or a phenyl or benzyl group,  $R_3$  denotes a hydrogen atom or a lower alkyl or carboxyl group, and  $R_4$  denotes a hydrogen atom, a lower alkyl group or a  
20 - $CH_2-COOH$ , phenyl or benzyl group,  
- polymers comprising units derived from sulphonic acid, such as vinylsulphonic, styrenesulphonic and acrylamidoalkylsulphonic units, and  
25 sulphonic polyesters, and  
- mixtures thereof.

65. Use according to any one of Claims 47 to 64, characterized in that the anionic film-forming polymer is chosen from:

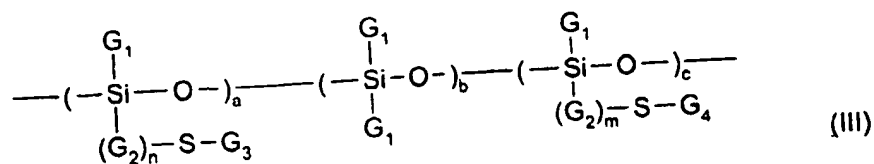


- A) homo- or copolymers of acrylic or methacrylic acid or salts thereof, the sodium salts of copolymers of acrylic acid and of acrylamide, and the sodium salts of polyhydroxycarboxylic acids;
- B) copolymers of acrylic or methacrylic acids with a monoethylenic monomer such as ethylene, styrene, vinyl esters and acrylic or methacrylic acid esters, optionally grafted onto a polyalkylene glycol such as polyethylene glycol; copolymers of this type comprising in their chain an optionally N-alkylated and/or hydroxyalkylated acrylamide unit, copolymers of acrylic acid and of C<sub>1</sub>-C<sub>4</sub> alkyl methacrylate and terpolymers of vinylpyrrolidone, of acrylic acid and of C<sub>1</sub>-C<sub>20</sub> alkyl methacrylate;
- C) copolymers derived from crotonic acid, such as those whose chain comprises vinyl acetate or propionate units and optionally other monomers such as allylic or methallylic esters, vinyl ether or vinyl ester of a saturated, linear or branched carboxylic acid containing a long hydrocarbon-based chain such as those comprising at least 5 carbon atoms, it being possible for these polymers to be optionally grafted;
- D) polymers derived from maleic, fumaric or itaconic acids or anhydrides with vinyl esters, vinyl ethers, vinyl halides, phenylvinyl derivatives, acrylic acid and esters thereof; copolymers of maleic, citraconic or itaconic anhydrides and of an allylic or methallylic ester optionally comprising an acrylamide, methacrylamide,  $\alpha$ -olefin, acrylic or methacrylic ester, acrylic or methacrylic acid or vinylpyrrolidone group in their chain, the anhydride functions are monoesterified or monoamidated;
- E) polyacrylamides comprising carboxylate groups,
- F) deoxyribonucleic acid;
- G) copolymers of at least one dicarboxylic acid, of at least one diol and of at least one difunctional aromatic monomer bearing a group -SO<sub>3</sub>M with M representing a hydrogen atom, an ammonium ion NH<sub>4</sub><sup>+</sup> or a metal ion; - and mixtures thereof.
66. Use according to any one of Claims 47 to 65, characterized in that the anionic film-forming polymer is chosen from:
- acrylic or methacrylic acid homopolymers;

- acrylic acid copolymers such as the acrylic acid/ethyl acrylate/N-tert-butylacrylamide terpolymer;
- copolymers derived from crotonic acid, such as vinyl acetate/vinyl tert-butylbenzoate/crotonic acid terpolymers and crotonic acid/vinyl acetate/vinyl neododecanoate terpolymers;
- 5 - polymers derived from maleic, fumaric or itaconic acids or anhydrides with vinyl esters, vinyl ethers, vinyl halides, phenylvinyl derivatives or acrylic acid and esters thereof, such as methyl vinyl ether/monoesterified maleic anhydride copolymers;
- 10 - copolymers of methacrylic acid and of methyl methacrylate;
- copolymers of methacrylic acid and of ethyl acrylate;
- terpolymers of vinylpyrrolidone/acrylic acid/lauryl methacrylate;
- vinyl acetate/crotonic acid copolymers;
- vinyl acetate/crotonic acid/polyethylene glycol terpolymers;
- 15 - sulphopolyesters obtained by condensation of diethylene glycol, cyclohexanedimethanol, isophthalic acid and sulfoisophthalic acid, and mixtures thereof.

67. Use according to any one of Claims 47 to 66, characterized in that the anionic film-forming polymer is chosen from anionic polymers of grafted silicone type comprising a polysiloxane portion and a portion consisting of a non-silicone organic chain, one of the two portions constituting the main chain of the polymer, the other being grafted onto the said main chain.

68. Use according to Claim 67, characterized in that the grafted silicone polymer is chosen from silicone polymers whose structure comprises the unit of formula (III) below:



in which the radicals  $G_1$ , which may be identical or different, represent hydrogen or a  $C_1$ - $C_{10}$  alkyl radical or alternatively a phenyl radical; the radicals  $G_2$ , which may be identical or different, represent a  $C_1$ - $C_{10}$  alkylene group;  $G_3$  represents a polymer residue resulting from the

5 (homo)polymerization of at least one ethylenically unsaturated anionic monomer;  $G_4$  represents a polymer residue resulting from the (homo)polymerization of at least one ethylenically unsaturated hydrophobic monomer;  $m$  and  $n$  are equal to 0 or 1;  $a$  is an integer ranging from 0 to 50;  $b$  is an integer which can be between 10 and 350,  $c$  is an integer ranging

10 from 0 to 50; with the proviso that one of the parameters  $a$  and  $c$  is other than 0.

69. Use according to Claim 68, characterized in that the unit of formula (III) has at least one of the following characteristics:

- the radicals  $G_1$  denote a  $C_1$ - $C_{10}$  alkyl radical;
  - $n$  is non-zero and the radicals  $G_2$  represent a divalent  $C_1$ - $C_3$  radical;
  - $G_3$  represents a polymer radical resulting from the (homo)polymerization of at least one monomer such as an ethylenically unsaturated carboxylic acid;
  - $G_4$  represents a polymer radical resulting from the
- 20 (homo)polymerization of at least one monomer such as a  $C_1$ - $C_{10}$  alkyl (meth)acrylate.

70. Use according to Claim 68 or 69, characterized in that the unit of formula (III) simultaneously has the following characteristics:

- the radicals  $G_1$  denote a methyl radical;
  - $n$  is non-zero and the radicals  $G_2$  represent a propylene radical;
  - $G_3$  represents a polymer radical resulting from the (homo)polymerization of at least acrylic acid and/or methacrylic acid;
  - $G_4$  represents a polymer radical resulting from the
- 30 (homo)polymerization of at least isobutyl or methyl (meth)acrylate.

71. Use according to any one of Claims 47 to 70, characterized in that the cationic film-forming polymer is chosen from quaternary cellulose ether derivatives, copolymers of cellulose with a water-soluble quaternary ammonium monomer, cyclopolymers, cationic polysaccharides, cationic silicone polymers, quaternized or non-quaternized vinylpyrrolidone-dialkylaminoalkyl acrylate or methacrylate copolymers, quaternary polymers of vinylpyrrolidone and of vinylimidazole, and polyaminoamides, and mixtures thereof.

72. Use according to any one of Claims 47 to 71, characterized in that the anionic film-forming polymer is a poly(sodium methacrylate).

73. Use according to any one of Claims 47 to 72, characterized in that the cationic film-forming polymer is a hydroxy(C<sub>1</sub>-C<sub>4</sub>)alkylcellulose comprising quaternary ammonium groups.

74. Use according to any one of Claims 47 to 73, characterized in that the cationic film-forming polymer is present in the composition in a content ranging from 0.01% to 20% by weight, preferably from 0.01% to 15% by weight and even more preferentially from 0.05% to 5% by weight, relative to the total weight of the composition.

75. Use according to any one of Claims 47 to 74, characterized in that the anionic film-forming polymer is present in the composition in a content ranging from 0.01% to 20% by weight, preferably from 0.05% to 15% by weight and even more preferentially from 0.1% to 7% by weight, relative to the total weight of the composition.

76. Use according to any one of Claims 47 to 75, characterized in that the composition comprises a wax.

77. Use according to Claim 76, characterized in that the wax is chosen from the group formed by beeswax, lanolin wax, Chinese insect waxes, rice wax, carnauba wax, candelilla wax, ouricury wax, cork fibre wax, sugar cane wax, Japan wax, sumach wax, montan wax, microcrystalline waxes, paraffin waxes, ozokerites, ceresin wax, lignite wax, polyethylene waxes and the waxes obtained by Fisher-Tropsch

synthesis, fatty acid esters of glycerides that are solid at 40°C, the waxes obtained by catalytic hydrogenation of animal or plant oils containing linear or branched C<sub>8</sub>-C<sub>32</sub> fatty chains, silicone waxes and fluoro waxes, and mixtures thereof.

5           78. Use according to Claim 76 or 77, characterized in that the wax is present in a content ranging from 0.1% to 50% by weight, preferably from 0.5% to 40% by weight and better still from 1% to 30% by weight, relative to the total weight of the composition.

10           79. Use according to any one of Claims 47 to 78, characterized in that the fatty phase comprises at least one oil chosen from the group formed by hydrocarbon-based oils, fluoro oils and/or silicone oils of mineral, animal, plant or synthetic origin, alone or as a mixture.

80. Use according to any one of Claims 47 to 79, characterized in that the fatty phase comprises at least one volatile oil.

15           81. Use according to any one of Claims 45 to 80, characterized in that the fatty phase comprises a volatile oil chosen from hydrocarbon-based volatile oils containing from 8 to 16 carbon atoms.

82. Use according to Claim 80 or 81, characterized in that the volatile oil is present in a content ranging from 0.1% to 98% by weight  
20 and preferably from 1% to 65% by weight, relative to the total weight of the composition.

83. Use according to any one of Claims 47 to 82, characterized in that the composition comprises an aqueous phase containing water or a mixture of water and of water-miscible organic  
25 solvent.

84. Use according to any one of Claims 47 to 83, characterized in that the composition contains at least one additive chosen from dyestuffs, surfactants, thickeners, antioxidants, fillers, preserving agents, fragrances, neutralizers and cosmetic or dermatological active  
30 agents, and mixtures thereof.

85. Use according to any one of Claims 47 to 84, characterized in that the composition is in the form of a mascara, a product for the eyebrows or a product for the hair.

86. Cosmetic process for rapidly making up keratin
- 5 materials, which consists in introducing, into a cosmetic makeup composition comprising a fatty phase:
- (i) a first polymer with a weight-average molecular mass of less than 100 000, comprising a) a polymer skeleton with hydrocarbon-based repeating units containing at least one hetero atom, and optionally b) optionally functionalized pendent and/or terminal fatty chains containing
  - 10 from 6 to 120 carbon atoms, which are linked to these hydrocarbon-based units,
  - (ii) an anionic film-forming polymer,
  - (iii) a cationic film-forming polymer,
  - 15 the said anionic and cationic film-forming polymers being different from the said first polymer.

87. Cosmetic process for increasing the adhesion and/or the rapid loading of a cosmetic makeup composition, which consists in introducing into the said composition containing a fatty phase:
- 20 - (i) a first polymer with a weight-average molecular mass of less than 100 000, comprising a) a polymer skeleton with hydrocarbon-based repeating units containing at least one hetero atom, and optionally b) optionally functionalized pendent and/or terminal fatty chains containing from 6 to 120 carbon atoms, which are linked to these hydrocarbon-based
  - 25 units,
  - (ii) an anionic film-forming polymer,
  - (iii) a cationic film-forming polymer,
  - the said anionic and cationic film-forming polymers being different from the said first polymer.

88. Process according to Claim 86 or 87, characterized in
- 30 that the average molar mass of the first polymer is less than 50 000.

89. Process according to any one of Claims 86 to 88, characterized in that the units containing a hetero atom of the first polymer are amide groups.

90. Process according to any one of Claims 86 to 89, characterized in that the fatty chains represent from 40% to 98% and better still from 50% to 95% of the total number of units containing a hetero atom and of fatty chains.

91. Process according to any one of Claims 86 to 90, characterized in that the fatty chains represent from 50% to 95% of the total number of units containing a hetero atom and of fatty chains.

92. Process according to any one of Claims 86 to 91, characterized in that the pendent fatty chains are linked directly to at least one of the said hetero atoms.

93. Cosmetic process for rapidly making up keratin materials, which consists in introducing, into a cosmetic makeup composition comprising a fatty phase:

- (i) a first polyamide polymer with a weight-average molecular mass of less than 100 000, comprising a) a polymer skeleton with amide repeating units and b) optionally at least one optionally functionalized pendent fatty chain and/or at least one optionally functionalized terminal chain, containing from 6 to 120 carbon atoms, which are linked to these amide units,
- (ii) an anionic film-forming polymer,
- (iii) a cationic film-forming polymer,

the said anionic and cationic film-forming polymers being different from the said first polymer.

94. Cosmetic process for increasing the adhesion and/or the rapid loading of a cosmetic makeup composition, which consists in introducing into the said composition containing a fatty phase:

- (i) a first polyamide polymer with a weight-average molecular mass of less than 100 000, comprising a) a polymer skeleton with amide repeating units and b) optionally at least one optionally functionalized pendent fatty chain

and/or at least one optionally functionalized terminal chain, containing from 6 to 120 carbon atoms, which are linked to these amide units,

- (ii) an anionic film-forming polymer,

- (iii) a cationic film-forming polymer,

5 the said anionic and cationic film-forming polymers being different from the said first polymer.

95. Process according to Claim 93 or 94, characterized in that the fatty chains of the first polymer represent from 40% to 98% of the total number of amide units and of fatty chains.

10 96. Process according to any one of Claims 93 to 95, characterized in that the fatty chains of the first polymer represent from 50% to 95% of the total number of amide units and of fatty chains.

97. Process according to any one of Claims 93 to 96, characterized in that the pendent fatty chains are linked directly to at least  
15 one of the nitrogen atoms of the amide units.

98. Process according to any one of Claims 86 to 97, characterized in that the weight-average molecular mass of the first polymer ranges from 1000 to 100 000, preferably from 1000 to 50 000 and better still from 1000 to 30 000.

20 99. Process according to one of Claims 86 to 98, characterized in that the weight-average molar mass of the first film-forming polymer ranges from 2000 to 20 000 and preferably from 2000 to 10 000.

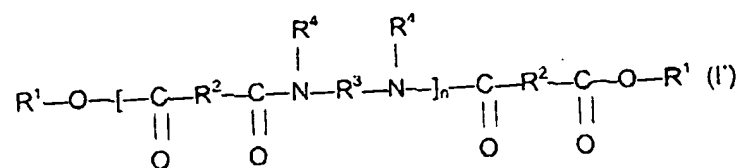
100. Process according to one of Claims 86 to 99, characterized in that the terminal fatty chain(s) is (are) linked to the  
25 skeleton via bonding groups.

101. Process according to Claim 100, characterized in that the bonding groups are ester groups.

102. Process according to any one of Claims 86 to 101, characterized in that the fatty chains contain from 12 to 68 carbon atoms.

30 103. Process according to any one of Claims 86 to 102, characterized in that the first polymer is chosen from the polymers of formula (I') below, and mixtures thereof:





- in which n denotes a number of amide units such that the number of ester groups represents from 10% to 50% of the total number of ester and amide groups; R<sup>1</sup> is, independently in each case, an alkyl or alkenyl group containing at least 4 carbon atoms; R<sup>2</sup> represents, independently in each case, a C<sub>4</sub> to C<sub>42</sub> hydrocarbon-based group, on condition that at least 50% of the groups R<sup>2</sup> represent a C<sub>30</sub> to C<sub>42</sub> hydrocarbon-based group; R<sup>3</sup> represents, independently in each case, an organic group containing at least 2 carbon atoms, hydrogen atoms and optionally one or more oxygen or nitrogen atoms; and R<sup>4</sup> represents, independently in each case, a hydrogen atom, a C<sub>1</sub> to C<sub>10</sub> alkyl group or a direct bond to R<sup>3</sup> or another R<sup>4</sup>, such that the nitrogen atom to which R<sup>3</sup> and R<sup>4</sup> are both attached forms part of a heterocyclic structure defined by R<sup>4</sup>-N-R<sup>3</sup>, with at least 50% of the groups R<sup>4</sup> representing a hydrogen atom.

104. Process according to Claim 103, characterized in that

R<sup>1</sup> is a C<sub>12</sub> to C<sub>22</sub> alkyl group.

105. Process according to Claim 103 or 104, characterized

- 20 in that the radicals R<sup>2</sup> are groups containing from 30 to 42 carbon atoms.

106. Process according to any one of Claims 86 to 105,

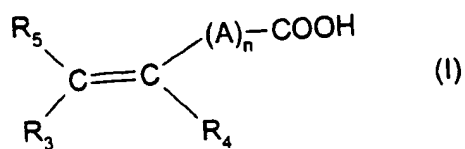
characterized in that the first polymer is present in a content ranging from 0.01% to 10% by weight, preferably ranging from 0.05% to 5% by weight and better still ranging from 0.1% to 3% by weight, relative to the total

- 25 weight of the composition.

107. Process according to any one of Claims 86 to 106,

characterized in that the anionic film-forming polymer is chosen from:

- polymers comprising carboxylic units derived from unsaturated monocarboxylic or dicarboxylic acid monomers of formula (I):



- in which n is an integer from 0 to 10, A denotes a methylene group, optionally connected to the carbon atom of the unsaturated group or to the neighbouring methylene group when n is greater than 1 via a hetero atom such as oxygen or sulphur, R<sub>5</sub> denotes a hydrogen atom or a phenyl or benzyl group, R<sub>3</sub> denotes a hydrogen atom or a lower alkyl or carboxyl group, and R<sub>4</sub> denotes a hydrogen atom, a lower alkyl group or a
- 10 —CH<sub>2</sub>-COOH, phenyl or benzyl group,
- polymers comprising units derived from sulphonic acid, such as vinylsulphonic, styrenesulphonic and acrylamidoalkylsulphonic units, and sulphonic polyesters, and
  - mixtures thereof.
- 15 108. Process according to any one of Claims 86 to 107, characterized in that the anionic film-forming polymer is chosen from:
- A) homo- or copolymers of acrylic or methacrylic acid or salts thereof, the sodium salts of copolymers of acrylic acid and of acrylamide, and the sodium salts of polyhydroxycarboxylic acids;
- 20 B) copolymers of acrylic or methacrylic acids with a monoethylenic monomer such as ethylene, styrene, vinyl esters and acrylic or methacrylic acid esters, optionally grafted onto a polyalkylene glycol such as polyethylene glycol; copolymers of this type comprising in their chain an optionally N-alkylated and/or hydroxyalkylated acrylamide unit, copolymers
- 25 of acrylic acid and of C<sub>1</sub>-C<sub>4</sub> alkyl methacrylate and terpolymers of vinylpyrrolidone, of acrylic acid and of C<sub>1</sub>-C<sub>20</sub> alkyl methacrylate;
- C) copolymers derived from crotonic acid, such as those whose chain comprises vinyl acetate or propionate units and optionally other monomers such as allylic or methallylic esters, vinyl ether or vinyl ester of a saturated,
- 30 linear or branched carboxylic acid containing a long hydrocarbon-based

chain such as those comprising at least 5 carbon atoms, it being possible for these polymers to be optionally grafted;

- D) polymers derived from maleic, fumaric or itaconic acids or anhydrides with vinyl esters, vinyl ethers, vinyl halides, phenylvinyl derivatives, acrylic acid and esters thereof; copolymers of maleic, citraconic or itaconic anhydrides and of an allylic or methallylic ester optionally comprising an acrylamide, methacrylamide,  $\alpha$ -olefin, acrylic or methacrylic ester, acrylic or methacrylic acid or vinylpyrrolidone group in their chain, the anhydride functions are monoesterified or monoamidated;
- 10 E) polyacrylamides comprising carboxylate groups,
- F) deoxyribonucleic acid;
- G) copolymers of at least one dicarboxylic acid, of at least one diol and of at least one difunctional aromatic monomer bearing a group  $-\text{SO}_3\text{M}$  with M representing a hydrogen atom, an ammonium ion  $\text{NH}_4^+$  or a metal ion;
- 15 - and mixtures thereof.

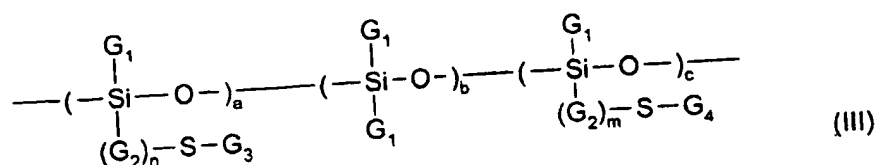
109. Use according to any one of Claims 86 to 108, characterized in that the anionic film-forming polymer is chosen from:

- acrylic or methacrylic acid homopolymers;
- acrylic acid copolymers such as the acrylic acid/ethyl acrylate/N-tert-butylacrylamide terpolymer;
- 20 - copolymers derived from crotonic acid, such as vinyl acetate/vinyl tert-butylbenzoate/crotonic acid terpolymers and crotonic acid/vinyl acetate/vinyl neododecanoate terpolymers;
- polymers derived from maleic, fumaric or itaconic acids or anhydrides with vinyl esters, vinyl ethers, vinyl halides, phenylvinyl derivatives or acrylic acid and esters thereof, such as methyl vinyl ether/monoesterified maleic anhydride copolymers;
- 25 - copolymers of methacrylic acid and of methyl methacrylate;
- copolymers of methacrylic acid and of ethyl acrylate;
- 30 - terpolymers of vinylpyrrolidone/acrylic acid/lauryl methacrylate;
- vinyl acetate/crotonic acid copolymers;
- vinyl acetate/crotonic acid/polyethylene glycol terpolymers;

- sulphopolyesters obtained by condensation of diethylene glycol, cyclohexanedimethanol, isophthalic acid and sulfoisophthalic acid,
- and mixtures thereof.

110. Process according to any one of Claims 86 to 109, characterized in that the anionic film-forming polymer is chosen from anionic polymers of grafted silicone type comprising a polysiloxane portion and a portion consisting of a non-silicone organic chain, one of the two portions constituting the main chain of the polymer, the other being grafted onto the said main chain.

111. Process according to Claim 110, characterized in that the grafted silicone polymer is chosen from silicone polymers whose structure comprises the unit of formula (III) below:



in which the radicals  $\text{G}_1$ , which may be identical or different, represent hydrogen or a  $\text{C}_1\text{--C}_{10}$  alkyl radical or alternatively a phenyl radical; the radicals  $\text{G}_2$ , which may be identical or different, represent a  $\text{C}_1\text{--C}_{10}$  alkylene group;  $\text{G}_3$  represents a polymer residue resulting from the (homo)polymerization of at least one ethylenically unsaturated anionic monomer;  $\text{G}_4$  represents a polymer residue resulting from the (homo)polymerization of at least one ethylenically unsaturated hydrophobic monomer;  $m$  and  $n$  are equal to 0 or 1;  $a$  is an integer ranging from 0 to 50;  $b$  is an integer which can be between 10 and 350,  $c$  is an integer ranging from 0 to 50; with the proviso that one of the parameters  $a$  and  $c$  is other than 0.

112. Process according to Claim 111, characterized in that the unit of formula (III) has at least one of the following characteristics:

- the radicals  $\text{G}_1$  denote a  $\text{C}_1\text{--C}_{10}$  alkyl radical;

- n is non-zero and the radicals  $G_2$  represent a divalent  $C_1-C_3$

radical;

-  $G_3$  represents a polymer radical resulting from the (homo)polymerization of at least one monomer such as an ethylenically

5 unsaturated carboxylic acid;

-  $G_4$  represents a polymer radical resulting from the (homo)polymerization of at least one monomer such as a  $C_1-C_{10}$  alkyl (meth)acrylate.

10 113. Process according to Claim 111 or 112, characterized in that the unit of formula (III) simultaneously has the following characteristics:

- the radicals  $G_1$  denote a methyl radical;

- n is non-zero and the radicals  $G_2$  represent a propylene radical;

15 -  $G_3$  represents a polymer radical resulting from the (homo)polymerization of at least acrylic acid and/or methacrylic acid;

-  $G_4$  represents a polymer radical resulting from the (homo)polymerization of at least isobutyl or methyl (meth)acrylate.

20 114. Process according to any one of Claims 86 to 113, characterized in that the cationic film-forming polymer is chosen from quaternary cellulose ether derivatives, copolymers of cellulose with a water-soluble quaternary ammonium monomer, cyclopolymers, cationic polysaccharides, cationic silicone polymers, quaternized or non-quaternized vinylpyrrolidone-dialkylaminoalkyl acrylate or methacrylate

25 copolymers, quaternary polymers of vinylpyrrolidone and of vinylimidazole, and polyaminoamides, and mixtures thereof.

115. Process according to any one of Claims 86 to 114, characterized in that the anionic film-forming polymer is a poly(sodium methacrylate).

30 116. Process according to any one of Claims 86 to 115, characterized in that the cationic film-forming polymer is a hydroxy( $C_1-C_4$ )alkylcellulose comprising quaternary ammonium groups.

117. Process according to any one of Claims 86 to 116, characterized in that the cationic film-forming polymer is present in a content ranging from 0.01% to 20% by weight, preferably from 0.01% to 15% by weight and even more preferentially from 0.05% to 5% by weight, relative to the total weight of the composition.

118. Process according to any one of Claims 86 to 117, characterized in that the anionic film-forming polymer is present in a content ranging from 0.01% to 20% by weight, preferably from 0.05% to 15% by weight and even more preferentially from 0.1% to 7% by weight, relative to the total weight of the composition.

119. Process according to any one of Claims 86 to 118, characterized in that the fatty phase comprises at least one wax.

120. Process according to Claim 119, characterized in that the wax is chosen from the group formed by beeswax, lanolin wax, Chinese insect waxes, rice wax, carnauba wax, candelilla wax, ouricury wax, cork fibre wax, sugar cane wax, Japan wax, sumach wax, montan wax, microcrystalline waxes, paraffin waxes, ozokerites, ceresin wax, lignite wax, polyethylene waxes and the waxes obtained by Fisher-Tropsch synthesis, fatty acid esters of glycerides that are solid at 40°C, the waxes obtained by catalytic hydrogenation of animal or plant oils containing linear or branched C<sub>8</sub>-C<sub>32</sub> fatty chains, silicone waxes and fluoro waxes, and mixtures thereof.

121. Process according to Claim 119 or 120, characterized in that the wax is present in a content ranging from 0.1% to 50% by weight, preferably from 0.5% to 40% by weight and better still from 1% to 30% by weight, relative to the total weight of the composition.

122. Process according to any one of Claims 86 to 121, characterized in that the fatty phase comprises at least one oil chosen from the group formed by hydrocarbon-based oils, fluoro oils and/or silicone oils of mineral, animal, plant or synthetic origin, alone or as a mixture.

123. Process according to any one of Claims 86 to 122, characterized in that the fatty phase comprises at least one volatile oil.

124. Process according to any one of Claims 86 to 123, characterized in that the fatty phase comprises a volatile oil chosen from hydrocarbon-based volatile oils containing from 8 to 16 carbon atoms.

5 125. Process according to Claim 123 or 124, characterized in that the volatile oil is present in a content ranging from 0.1% to 98% by weight and preferably from 1% to 65% by weight, relative to the total weight of the composition.

10 126. Process according to any one of Claims 86 to 125, characterized in that the composition comprises an aqueous phase containing water or a mixture of water and of water-miscible organic solvent.

127. Process according to any one of Claims 86 to 126, characterized in that the composition contains at least one additive chosen from dyestuffs, surfactants, thickeners, antioxidants, fillers, preserving  
15 agents, fragrances, neutralizers and cosmetic or dermatological active agents, and mixtures thereof.

128. Process according to any one of Claims 86 to 127, characterized in that the composition is in the form of a mascara, a product for the eyebrows or a product for the hair.





PENDING CLAIMS  
Application No. 10/459,636  
Attorney Docket No. 05725.1336-00000  
Filed: June 12, 2003

1. A composition in the form of an emulsion comprising at least one liquid fatty phase which comprises:

- (i) at least one structuring polymer comprising:  
a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and
- (ii) at least one sunscreen agent.

2. The composition according to claim 1, wherein said at least one structuring polymer further comprises at least one of:

at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

at least one pendant fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group.

3. The composition according to claim 2, wherein said alkyl chains and said alkenyl chains each comprise at least four carbon atoms.

4. The composition according to claim 3, wherein said alkyl chains and said alkenyl chains each comprise from 8 to 120 carbon atoms.

5. The composition according to claim 4, wherein said alkyl chains and said alkenyl chains each comprise from 12 to 68 carbon atoms.

6. The composition according to claim 2, wherein said at least one linking group is chosen from single bonds and urea, urethane, thiourea, thiourethane, thioether, thioester, ester, ether and amine groups.

7. The composition according to claim 6, wherein said at least one linking group is an ester group present in a proportion ranging from 15% to 40% of the total number of all ester and hetero atom groups in the at least one structuring polymer.

8. The composition according to claim 7, wherein said at least one linking group is an ester group present in a proportion ranging from 20% to 35% of the total number of all ester and hetero atom groups in the at least one structuring polymer.

9. The composition according to claim 2, wherein said at least one terminal fatty chain is functionalized.

10. The composition according to claim 2, wherein said at least one pendant fatty chain is functionalized.

11. The composition according to claim 2, wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 40% to 98% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer.

12. The composition according to claim 11, wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 50% to 95% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer.

13. The composition according to claim 1, wherein said at least one structuring polymer has a weight-average molecular mass of less than 100,000.

14. The composition according to claim 13, wherein said at least one structuring polymer has a weight-average molecular mass of less than 50,000.

15. The composition according to claim 14, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 30,000.

16. The composition according to claim 15, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 20,000.

17. The composition according to claim 16, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 10,000.

18. The composition according to claim 1, wherein said at least one hydrocarbon based repeating unit comprises from 2 to 80 carbon atoms.

19. The composition according to claim 18, wherein said at least one hydrocarbon based repeating unit comprises from 2 to 60 carbon atoms.

20. The composition according to claim 1, wherein said at least one hydrocarbon based repeating unit is chosen from saturated and unsaturated

hydrocarbon-based units which are chosen from linear hydrocarbon-based repeating units, branched hydrocarbon-based repeating units and cyclic hydrocarbon-based repeating units.

21. The composition according to claim 1, wherein said at least one hetero atom of said at least one hydrocarbon-based repeating unit is chosen from nitrogen, sulphur, and phosphorus.

22. The composition according to claim 21, wherein said at least one hetero atom is a nitrogen atom.

23. The composition according to claim 21, wherein said at least one hetero atom is combined with at least one atom chosen from oxygen and carbon to form a hetero atom group.

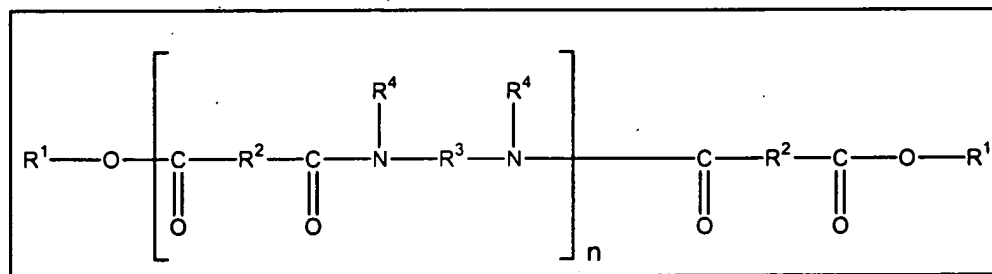
24. The composition according to claim 23, wherein said at least one hetero atom group further comprises a carbonyl group.

25. The composition according to claim 23, wherein said at least one hetero atom group is chosen from amide groups, carbamate groups, and urea groups.

26. The composition according to claim 25, wherein said at least one hetero atom group is an amide group and said polymer skeleton is a polyamide skeleton.

27. The composition according to claim 25, wherein said at least one hetero atom group is chosen from carbamate groups and urea groups and said polymer skeleton is chosen from a polyurethane skeleton, a polyurea skeleton and a polyurethane-polyurea skeleton.

28. The composition according to claim 1, wherein said at least one



structuring polymer is chosen from polyamide polymers of formula (I):

in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;
- $R^1$ , which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;
- $R^2$ , which are identical or different, are each chosen from  $C_4$  to  $C_{42}$  hydrocarbon-based groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon-based groups;
- $R^3$ , which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms, with the proviso that  $R^3$  comprises at least 2 carbon atoms; and
- $R^4$ , which are identical or different, are each chosen from hydrogen atoms,  $C_1$  to  $C_{10}$  alkyl groups and a direct bond to at least one group chosen from  $R^3$  and another  $R^4$  such that when said at least one group is chosen from another  $R^4$ , the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined in part by  $R^4-N-R^3$ , with the proviso that at least 50% of all  $R^4$  are chosen from hydrogen atoms.

29. The composition according to claim 28, wherein in said formula (I), n is an integer ranging from 1 to 5.

30. The composition according to claim 29, wherein in said formula (I), n is an integer ranging from 3 to 5.

31. The composition according to claim 28, wherein in said formula (I), said alkyl groups of  $R^1$  and said alkenyl groups of  $R^1$  each independently comprise from 4 to 24 carbon atoms.

32. The composition according to claim 31, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{12}$  to  $C_{22}$  alkyl groups.

33. The composition according to claim 32, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{16}$  to  $C_{22}$  alkyl groups.

34. The composition according to claim 28, wherein in said formula (I),  $R^2$ , which are identical or different, are each chosen from  $C_{10}$  to  $C_{42}$  hydrocarbon based

groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

35. The composition according to claim 34, wherein at least 75% of all  $R^2$ , which are identical or different, are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

36. The composition according to claim 28, wherein in said formula (I),  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{36}$  hydrocarbon-based groups and polyoxyalkylene groups.

37. The composition according to claim 36, wherein  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{12}$  hydrocarbon-based groups.

38. The composition according to claim 37, wherein in said formula (I),  $R^4$ , which can be identical or different, are each chosen from hydrogen atoms.

39. The composition according to claim 28, wherein said at least one polymer of formula (I) is in the form of a mixture of polymers, wherein said mixture optionally also comprises a compound of formula (I) wherein  $n$  is equal to zero.

40. The composition according to claim 1, wherein said at least one structuring polymer has a softening point greater than 50 °C.

41. The composition according to claim 40, wherein said at least one structuring polymer has a softening point ranging from 65 °C to 190 °C.

42. The composition according to claim 41, wherein said at least one structuring polymer has a softening point ranging from 70 °C to 130 °C.

43. The composition according to claim 42, wherein said at least one structuring polymer has a softening point ranging from 80 °C to 105 °C.

44. The composition according to claim 1, wherein said at least one structuring polymer is present in the composition in an amount ranging from 0.5% to 80% by weight relative to the total weight of the composition.

45. The composition according to claim 44, wherein said at least one structuring polymer is present in the composition in an amount ranging from 2% to 60% by weight relative to the total weight of the composition.

46. The composition according to claim 45, wherein said at least one structuring polymer is present in the composition in an amount ranging from 5% to 40% by weight relative to the total weight of the composition.

47. The composition according to claim 1, wherein said at least one liquid fatty phase of the composition comprises at least one oil.

48. The composition according to claim 47, wherein said at least one oil is chosen from at least one polar oil and at least one apolar oil.

49. The composition according to claim 48, wherein said at least one polar oil is chosen from:

- hydrocarbon-based plant oils with a high content of triglycerides comprising fatty acid esters of glycerol in which the fatty acids comprise chains having from 4 to 24 carbon atoms, said chains optionally being chosen from linear and branched, and saturated and unsaturated chains;

- synthetic oils or esters of formula  $R_5COOR_6$  in which  $R_5$  is chosen from linear and branched fatty acid residues comprising from 1 to 40 carbon atoms and  $R_5+R_6 \geq 10$ ;

- synthetic ethers containing from 10 to 40 carbon atoms;

- $C_8$  to  $C_{26}$  fatty alcohols; and

- $C_8$  to  $C_{26}$  fatty acids.

50. The composition according to claim 48, wherein said at least one apolar oil is chosen from:

- silicone oils chosen from volatile and non-volatile, linear and cyclic polydimethylsiloxanes that are liquid at room temperature;

- polydimethylsiloxanes comprising alkyl or alkoxy groups which are pendant and/or at the end of the silicone chain, the groups each containing from 2 to 24 carbon atoms;

- phenylsilicones; and

- hydrocarbons chosen from linear and branched, volatile and non-volatile hydrocarbons of synthetic and mineral origin.

51. The composition according to claim 1, wherein said at least one liquid fatty phase comprises at least one non-volatile oil.

52. The composition according to claim 51, wherein said at least one non-volatile oil is chosen from hydrocarbon-based oils of mineral, plant and synthetic origin, synthetic esters and ethers, and silicone oils.

53. The composition according to claim I, wherein said at least one liquid fatty phase is present in an amount ranging from 1% to 99% by weight relative to the total weight of the composition.

54. The composition according to claim 53, wherein said at least one liquid fatty phase is present in an amount ranging from 5% to 95.5% by weight relative to the total weight of the composition.

55. The composition according to claim 53, wherein said at least one liquid fatty phase is present in an amount ranging from 10% to 80% by weight relative to the total weight of the composition.

56. The composition according to claim 53, wherein said at least one liquid fatty phase is present in an amount ranging from 20% to 75% by weight relative to the total weight of the composition.

57. The composition according to claim 1, wherein said at least one liquid fatty phase comprises at least one volatile solvent chosen from hydrocarbon-based solvents and silicone solvents optionally comprising alkyl or alkoxy groups that are pendant or at the end of a silicone chain.

58. The composition according to claim 57, wherein said at least one volatile solvent is present in an amount up to 95.5% relative to the total weight of the composition.

59. The composition according to claim 58, wherein said at least one volatile solvent is present in an amount ranging from 2% to 75% relative to the total weight of the composition.

60. The composition according to claim 59, wherein said at least one volatile solvent is present in an amount ranging from 10% to 45% relative to the total weight of the composition.

61. The composition according to claim I, wherein said composition further comprises at least one additional fatty material.

62. The composition according to claim 61, wherein said at least one additional fatty material is chosen from gums, fatty materials pasty at ambient temperature, and resins.

63. The composition according to claim 1 further comprising at least one film forming polymer.

64. The composition according to claim 1, wherein said film-forming polymer is present in the composition in an amount ranging from 0.1% to 20% by weight relative to the total weight of the composition.

65. The composition according to claim 1, wherein the composition is in a form chosen from a fluid simple emulsion, rigid simple emulsion, fluid multiple emulsion, and rigid multiple emulsion.

66. The composition according to claim 1, wherein said composition is a solid.

67. The composition according to claim 66, wherein said composition is a solid chosen from molded and poured sticks.

68. A composition in the form of an emulsion comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer, wherein said at least one structuring polymer is at least one polyamide polymer comprising:

a polymer skeleton which comprises at least one amide repeating unit; and

(ii) at least one sunscreen agent.

69. The composition according to claim 68, wherein said at least one polyamide polymer further comprises at least one of:

at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

at least one pendant fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group.

70. The composition according to claim 69, wherein said alkyl chains and said alkenyl chains each comprise at least four carbon atoms.

71. The composition according to claim 70, wherein said alkyl chains and said alkenyl chains each comprise from 8 to 120 carbon atoms.

72. The composition according to claim 71, wherein said alkyl chains and said alkenyl chains each comprise from 12 to 68 carbon atoms.



73. The composition according to claim 69, wherein said at least one linking group is chosen from single bonds and urea, urethane, thiourea, thiourethane, thioether, thioester, ester, ether and amine groups.

74. The composition according to claim 73, wherein said at least one linking group is an ester group present in a proportion ranging from 15% to 40% of the total number of all ester and amide groups in the at least one polyamide polymer.

75. The composition according to claim 74, wherein said at least one linking group is an ester group present in a proportion ranging from 20% to 35% of the total number of all ester and amide groups in the at least one polyamide polymer.

76. The composition according to claim 69, wherein said at least one terminal fatty chain is functionalized.

77. The composition according to claim 69, wherein said at least one pendant fatty chain is functionalized.

78. The composition according to claim 69, wherein in said at least one polyamide polymer, the percentage of the total number of fatty chains ranges from 40% to 98% relative to the total number of all amide units and fatty chains in the at least one polyamide polymer.

79. The composition according to claim 78, wherein in said at least one polyamide polymer, the percentage of the total number of fatty chains ranges from 50% to 95% relative to the total number of all amide units and fatty chains in the at least one polyamide polymer.

80. The composition according to claim 68, wherein said at least one polyamide polymer has a weight-average molecular mass of less than 100,000.

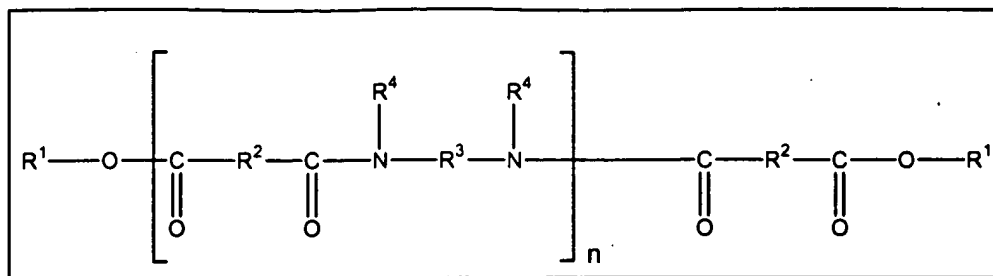
81. The composition according to claim 80, wherein said at least one polyamide polymer has a weight-average molecular mass of less than 50,000.

82. The composition according to claim 81, wherein said at least one polyamide polymer has a weight-average molecular mass ranging from 1000 to 30,000.

83. The composition according to claim 82, wherein said at least one polyamide polymer has a weight-average molecular mass ranging from 2000 to 20,000.

84. The composition according to claim 83, wherein said at least one polyamide polymer has a weight-average molecular mass ranging from 2000 to 10,000.

85. The composition according to claim 68, wherein said at least one polyamide polymer is chosen from polyamide polymers of formula (I):



in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;
- R<sup>1</sup>, which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;
- R<sup>2</sup>, which are identical or different, are each chosen from C<sub>4</sub> to C<sub>42</sub> hydrocarbon-based groups with the proviso that at least 50% of all R<sup>2</sup> are chosen from C<sub>30</sub> to C<sub>42</sub> hydrocarbon-based groups;
- R<sup>3</sup>, which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms with the proviso that R<sup>3</sup> comprises at least 2 carbon atoms; and
- R<sup>4</sup>, which are identical or different, are each chosen from hydrogen atoms, C<sub>1</sub> to C<sub>10</sub> alkyl groups and a direct bond to at least one group chosen from R<sup>3</sup> and another R<sup>4</sup> such that when said at least one group is chosen from another R<sup>4</sup>, the nitrogen atom to which both R<sup>3</sup> and R<sup>4</sup> are bonded forms part of a heterocyclic structure defined in part by R<sup>4</sup>-N-R<sup>3</sup>, with the proviso that at least 50% of all R<sup>4</sup> are chosen from hydrogen atoms.

86. The composition according to claim 85, wherein in said formula (I), n is an integer ranging from 1 to 5.

87. The composition according to claim 86, wherein in said formula (I), n is an integer ranging from 3 to 5.

88. The composition according to claim 85, wherein in said formula (I), said alkyl groups of R' and said alkenyl groups of R<sup>1</sup> each independently comprise from 4 to 24 carbon atoms.

89. The composition according to claim 88, wherein in said formula (I), R<sup>1</sup>, which are identical or different, are each chosen from C<sub>12</sub> to C<sub>22</sub> alkyl groups.

90. The composition according to claim 89, wherein in said formula (I), R<sup>1</sup>, which are identical or different, are each chosen from C<sub>16</sub> to C<sub>22</sub> alkyl groups.

91. The composition according to claim 85, wherein in said formula (I), R<sup>2</sup>, which are identical or different, are each chosen from C<sub>10</sub> to C<sub>42</sub> hydrocarbon based groups with the proviso that at least 50% of all R<sup>2</sup> are chosen from C<sub>30</sub> to C<sub>42</sub> hydrocarbon based groups.

92. The composition according to claim 91, wherein at least 75% of all R<sup>2</sup>, which are identical or different, are chosen from C<sub>30</sub> to C<sub>42</sub> hydrocarbon based groups.

93. The composition according to claim 92, wherein in said formula (I), R<sup>3</sup>, which can be identical or different, are each chosen from C<sub>2</sub> to C<sub>36</sub> hydrocarbon-based groups and polyoxyalkylene groups.

94. The composition according to claim 93, wherein R<sup>3</sup>, which can be identical or different, are each chosen from C<sub>2</sub> to C<sub>12</sub> hydrocarbon-based groups.

95. The composition according to claim 68, wherein in said formula (I), R<sup>4</sup>, which can be identical or different, are each chosen from hydrogen atoms.

96. The composition according to claim 68, wherein said at least one polymer of formula (I) is in the form of a mixture of polymers, wherein said mixture optionally also comprises a compound of formula (I) wherein n is equal to zero.

97. The composition according to claim 68, wherein said at least one polyamide polymer is chosen from polymers resulting from at least one polycondensation reaction between at least one dicarboxylic acid comprising at least 32 carbon atoms and at least one amine chosen from diamines comprising at least 2 carbon atoms and triamines comprising at least 2 carbon atoms.

98. The composition according to claim 68, wherein said at least one dicarboxylic acid comprises from 32 to 44 carbon atoms and said at least one amine comprises from 2 to 36 carbon atoms.

99. The composition according to claim 98, wherein said at least one dicarboxylic acid is chosen from dimers of at least one fatty acid comprising at least 16 carbon atoms.

100. The composition according to claim 99, wherein said at least one fatty acid is chosen from oleic acid, linoleic acid and linolenic acid.

101. The composition according to claim 100, wherein said at least one amine is chosen from ethylenediamine, hexylenediamine, hexamethylenediamine, phenylenediamine and ethylenetriamine.

102. The composition according to claim 68, wherein said at least one polyamide polymer is chosen from polymers comprising at least one terminal carboxylic acid group.

103. The composition according to claim 102, wherein said at least one terminal carboxylic acid group is esterified with at least one alcohol chosen from monoalcohols comprising at least 4 carbon atoms.

104. The composition according to claim 102, wherein said at least one polyamide polymer is chosen from:

- polymers chosen from mixtures of copolymers derived from monomers of (i) C<sub>36</sub> diacids and (ii) ethylenediamine, and having a weight-average molecular mass of about 6000;

- polyamide polymers resulting from the condensation of at least one aliphatic dicarboxylic acid and at least one diamine, the carbonyl and amine groups being condensed via an amide bond; and

- polyamide resins from vegetable sources.

105. The composition according to claim 68, wherein said at least one polyamide polymer has a softening point greater than 50 °C.

106. The composition according to claim 105, wherein said at least one polyamide polymer has a softening point ranging from 65°C to 190°C.

107. The composition according to claim 106, wherein said at least one polyamide polymer has a softening point ranging from 70°C to 130°C.

108. The composition according to claim 107, wherein said at least one polyamide polymer has a softening point ranging from 80°C to 105°C.

109. The composition according to claim 104, wherein said at least one polyamide polymer is present in the composition in an amount ranging from 0.5% to 80% by weight relative to the total weight of the composition.

110. The composition according to claim 109, wherein said at least one polyamide polymer is present in the composition in an amount ranging from 2% to 60% by weight relative to the total weight of the composition.

111. The composition according to claim 110, wherein said at least one polyamide polymer is present in the composition in an amount ranging from 5% to 40% by weight relative to the total weight of the composition.

112. The composition according to claim 68, wherein said at least one liquid fatty phase of the composition comprises at least one oil.

113. The composition according to claim 112, wherein said at least one oil is chosen from at least one polar oil and at least one apolar oil.

114. The composition according to claim 113, wherein said at least one polar oil is chosen from:

- hydrocarbon-based plant oils with a high content of triglycerides comprising fatty acid esters of glycerol in which the fatty acids comprise chains having from 4 to 24 carbon atoms, said chains optionally being chosen from linear and branched, and saturated and unsaturated chains;

- synthetic oils or esters of formula  $R_5COOR_6$  in which  $R_5$  is chosen from linear and branched fatty acid residues comprising from 1 to 40 carbon atoms and  $R_5 + R_6 \geq 10$ ;

- synthetic ethers containing from 10 to 40 carbon atoms;

- $C_8$  to  $C_{26}$  fatty alcohols; and

- $C_8$  to  $C_{26}$  fatty acids.

115. The composition according to claim 113, wherein said at least one apolar oil is chosen from:

- silicone oils chosen from volatile and non-volatile, linear and cyclic polydimethylsiloxanes that are liquid at room temperature;

- polydimethylsiloxanes comprising alkyl or alkoxy groups which are pendant and/or at the end of the silicone chain, the groups each containing from 2 to 24 carbon atoms;

- phenylsilicones; and

- hydrocarbons chosen from linear and branched, volatile and non-volatile hydrocarbons of synthetic and mineral origin.

116. The composition according to claim 112, wherein said at least one liquid fatty phase comprises at least one non-volatile oil.

117. The composition according to claim 116, wherein said at least one non-volatile oil is chosen from hydrocarbon-based oils of mineral, plant and synthetic origin, synthetic esters and ethers, and silicone oils.

118. The composition according to claim 117, wherein said at least one liquid fatty phase is present in an amount ranging from 1% to 99% by weight relative to the total weight of the composition.

119. The composition according to claim 118, wherein said at least one liquid fatty phase is present in an amount ranging from 5% to 95.5% by weight relative to the total weight of the composition.

120. The composition according to claim 119, wherein said at least one liquid fatty phase is present in an amount ranging from 10% to 80% by weight relative to the total weight of the composition.

121. The composition according to claim 120, wherein said at least one liquid fatty phase is present in an amount ranging from 20% to 75% by weight relative to the total weight of the composition.

122. The composition according to claim 112, wherein said at least one liquid fatty phase comprises at least one volatile solvent chosen from hydrocarbon-based solvents and silicone solvents optionally comprising alkyl or alkoxy groups that are pendant or at the end of a silicone chain.

123. The composition according to claim 122, wherein said at least one volatile solvent is present in an amount up to 95.5% relative to the total weight of the composition.

124. The composition according to claim 123, wherein said at least one volatile solvent is present in an amount ranging from 2% to 75% relative to the total weight of the composition.

125. The composition according to claim 124, wherein said at least one volatile solvent is present in an amount ranging from 10% to 45% relative to the total weight of the composition.

126. The composition according to claim 112, wherein said composition further comprises at least one additional fatty material.

127. The composition according to claim 126, wherein said at least one additional fatty material is chosen from gums, fatty materials pasty at ambient temperature, and resins.

128. The composition according to claim 68, wherein the composition is in a form chosen from a fluid simple emulsion, rigid simple emulsion, fluid multiple emulsion, and rigid multiple emulsion.

129. A method for providing solar protection to a keratinous material comprising applying a composition according to claim 1 to said keratinous material.

130. A method for providing solar protection to a keratinous material comprising applying a composition according to claim 83 to said keratinous material.

131. A foundation, mascara, eye liner, concealer, lipstick, blush for cheeks or eyelids, body makeup, sun screen, deodorant, colorant for skin or hair, skin care formula, shampoo, after shampoo treatment, or makeup removing product comprising:

at least one liquid fatty phase in said foundation, mascara, eye liner, concealer, lipstick, blush for cheeks or eyelids, body makeup, sun screen, deodorant, colorant for skin or hair, skin care formula, shampoo, after shampoo treatment, or makeup removing product which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one sunscreen agent.

132. A make-up and/or care and/or treatment composition for keratinous fibers comprising:

at least one liquid fatty phase in said composition which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one sunscreen agent.

133. A treatment, care or make-up composition for keratinous fibers comprising a structured composition containing at least one liquid fatty phase in said treatment, care or make-up composition structured with at least one structuring polymer comprising a polymer skeleton comprising at least one hydrocarbon-based repeating unit comprising at least one hetero atom, at least one sunscreen agent, and at least one coloring agent.

134. A method for care, make up, or treatment of a keratin material chosen from lips, skin, and keratinous fibers, comprising the application to said keratin material of a cosmetic composition comprising:

at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one sunscreen agent.

134. A method for making a cosmetic composition in the form of a physiologically acceptable composition comprising including in said composition at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom; and

(ii) at least one sunscreen agent.



PENDING CLAIMS  
Application No. 10/618,315  
Attorney Docket No. 05725.1337-00000  
Filed: July 11, 2003

1. A composition in the form of an emulsion comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom;

(ii) at least one sunscreen agent;

(iii) a silicone elastomer powder comprising a silicone elastomer core coated with a silicone resin; and

(iv) a swelling agent for said powder.

2. The composition according to claim 1, wherein said at least one structuring polymer further comprises at least one of:

at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

at least one pendant fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group.

3. The composition according to claim 2, wherein said alkyl chains and said alkenyl chains each comprise at least four carbon atoms.

4. The composition according to claim 3, wherein said alkyl chains and said alkenyl chains each comprise from 8 to 120 carbon atoms.

5. The composition according to claim 4, wherein said alkyl chains and said alkenyl chains each comprise from 12 to 68 carbon atoms.

6. The composition according to claim 2, wherein said at least one linking group is chosen from single bonds and urea, urethane, thiourea, thiourethane, thioether, thioester, ester, ether and amine groups.

7. The composition according to claim 6, wherein said at least one linking group is an ester group present in a proportion ranging from 15% to 40% of the total number of all ester and hetero atom groups in the at least one structuring polymer.

8. The composition according to claim 7, wherein said at least one linking group is an ester group present in a proportion ranging from 20% to 35% of the total number of all ester and hetero atom groups in the at least one structuring polymer.

9. The composition according to claim 2, wherein said at least one terminal fatty chain is functionalized.

10. The composition according to claim 2, wherein said at least one pendant fatty chain is functionalized.

11. The composition according to claim 2, wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 40% to 98% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer.

12. The composition according to claim 11, wherein in said at least one structuring polymer, the percentage of the total number of fatty chains ranges from 50% to 95% relative to the total number of all repeating units and fatty chains in the at least one structuring polymer.

13. The composition according to claim 1, wherein said at least one structuring polymer has a weight-average molecular mass of less than 100,000.
14. The composition according to claim 13, wherein said at least one structuring polymer has a weight-average molecular mass of less than 50,000.
15. The composition according to claim 14, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 1000 to 30,000.
16. The composition according to claim 15, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 20,000.
17. The composition according to claim 16, wherein said at least one structuring polymer has a weight-average molecular mass ranging from 2000 to 10,000.
18. The composition according to claim 1, wherein said at least one hydrocarbon based repeating unit comprises from 2 to 80 carbon atoms.
19. The composition according to claim 18, wherein said at least one hydrocarbon based repeating unit comprises from 2 to 60 carbon atoms.
20. The composition according to claim 1, wherein said at least one hydrocarbon based repeating unit is chosen from saturated and unsaturated hydrocarbon-based units which are chosen from linear hydrocarbon-based repeating units, branched hydrocarbon-based repeating units and cyclic hydrocarbon-based repeating units.
21. The composition according to claim 1, wherein said at least one hetero atom of said at least one hydrocarbon-based repeating unit is chosen from nitrogen, sulphur, and phosphorus.

22. The composition according to claim 21, wherein said at least one hetero atom is a nitrogen atom.

23. The composition according to claim 21, wherein said at least one hetero atom is combined with at least one atom chosen from oxygen and carbon to form a hetero atom group.

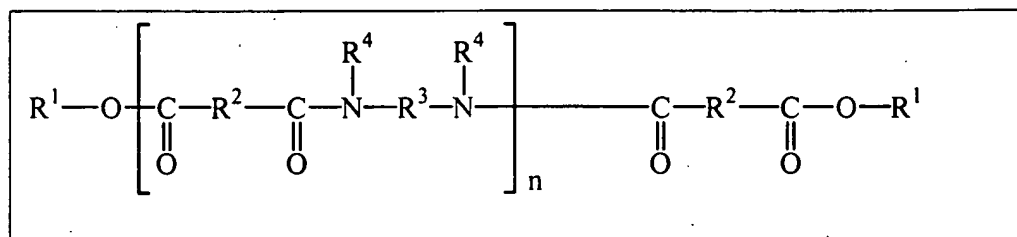
24. The composition according to claim 23, wherein said at least one hetero atom group further comprises a carbonyl group.

25. The composition according to claim 23, wherein said at least one hetero atom group is chosen from amide groups, carbamate groups, and urea groups.

26. The composition according to claim 25, wherein said at least one hetero atom group is an amide group and said polymer skeleton is a polyamide skeleton.

27. The composition according to claim 25, wherein said at least one hetero atom group is chosen from carbamate groups and urea groups and said polymer skeleton is chosen from a polyurethane skeleton, a polyurea skeleton and a polyurethane-polyurea skeleton.

28. The composition according to claim 1, wherein said at least one structuring polymer is chosen from polyamide



polymers of formula (I):

in which:

-  $n$  is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;

-  $R^1$ , which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;

-  $R^2$ , which are identical or different, are each chosen from  $C_4$  to  $C_{42}$  hydrocarbon-based groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon-based groups;

-  $R^3$ , which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms, with the proviso that  $R^3$  comprises at least 2 carbon atoms; and

-  $R^4$ , which are identical or different, are each chosen from hydrogen atoms,  $C_1$  to  $C_{10}$  alkyl groups and a direct bond to at least one group chosen from  $R^3$  and another  $R^4$  such that when said at least one group is chosen from another  $R^4$ , the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined in part by  $R^4-N-R^3$ , with the proviso that at least 50% of all  $R^4$  are chosen from hydrogen atoms.

29. The composition according to claim 28, wherein in said formula (I),  $n$  is an integer ranging from 1 to 5.

30. The composition according to claim 29, wherein in said formula (I),  $n$  is an integer ranging from 3 to 5.

31. The composition according to claim 28, wherein in said formula (I), said alkyl groups of  $R^1$  and said alkenyl groups of  $R^1$  each independently comprise from 4 to 24 carbon atoms.

32. The composition according to claim 31, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{12}$  to  $C_{22}$  alkyl groups.

33. The composition according to claim 32, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{16}$  to  $C_{22}$  alkyl groups.

34. The composition according to claim 28, wherein in said formula (I),  $R^2$ , which are identical or different, are each chosen from  $C_{10}$  to  $C_{42}$  hydrocarbon based groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

35. The composition according to claim 34, wherein at least 75% of all  $R^2$ , which are identical or different, are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

36. The composition according to claim 28, wherein in said formula (I),  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{36}$  hydrocarbon-based groups and polyoxyalkylene groups.

37. The composition according to claim 36, wherein  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{12}$  hydrocarbon-based groups.

38. The composition according to claim 37, wherein in said formula (I),  $R^4$ , which can be identical or different, are each chosen from hydrogen atoms.

39. The composition according to claim 28, wherein said at least one polymer of formula (I) is in the form of a mixture of polymers, wherein said mixture optionally also comprises a compound of formula (I) wherein  $n$  is equal to zero.

40. The composition according to claim 1, wherein said at least one structuring polymer has a softening point greater than 50 °C.
41. The composition according to claim 40, wherein said at least one structuring polymer has a softening point ranging from 65 °C to 190 °C.
42. The composition according to claim 41, wherein said at least one structuring polymer has a softening point ranging from 70 °C to 130 °C.
43. The composition according to claim 42, wherein said at least one structuring polymer has a softening point ranging from 80 °C to 105 °C.
44. The composition according to claim 1, wherein said at least one structuring polymer is present in the composition in an amount ranging from 0.5% to 80% by weight relative to the total weight of the composition.
45. The composition according to claim 44, wherein said at least one structuring polymer is present in the composition in an amount ranging from 2% to 60% by weight relative to the total weight of the composition.
46. The composition according to claim 45, wherein said at least one structuring polymer is present in the composition in an amount ranging from 5% to 40% by weight relative to the total weight of the composition.
46. The composition according to claim 1, wherein said at least one liquid fatty phase of the composition comprises at least one oil.
47. The composition according to claim 46, wherein said at least one oil is chosen from at least one polar oil and at least one apolar oil.
48. The composition according to claim 47, wherein said at least one polar oil is chosen from:

- hydrocarbon-based plant oils with a high content of triglycerides comprising fatty acid esters of glycerol in which the fatty acids comprise chains having from 4 to 24 carbon atoms, said chains optionally being chosen from linear and branched, and saturated and unsaturated chains;

- synthetic oils or esters of formula  $R_5COOR_6$  in which  $R_5$  is chosen from linear and branched fatty acid residues comprising from 1 to 40 carbon atoms and  $R_5 + R_6 > 10$ ;

- synthetic ethers containing from 10 to 40 carbon atoms;

-  $C_8$  to  $C_{26}$  fatty alcohols; and

-  $C_8$  to  $C_{26}$  fatty acids.

49. The composition according to claim 47, wherein said at least one apolar oil is chosen from:

- silicone oils chosen from volatile and non-volatile, linear and cyclic polydimethylsiloxanes that are liquid at room temperature;

- polydimethylsiloxanes comprising alkyl or alkoxy groups which are pendant and/or at the end of the silicone chain, the groups each containing from 2 to 24 carbon atoms;

- phenylsilicones; and

- hydrocarbons chosen from linear and branched, volatile and non-volatile hydrocarbons of synthetic and mineral origin.

50. The composition according to claim 1, wherein said at least one liquid fatty phase comprises at least one non-volatile oil.



51. The composition according to claim 50, wherein said at least one non-volatile oil is chosen from hydrocarbon-based oils of mineral, plant and synthetic origin, synthetic esters and ethers, and silicone oils.

52. The composition according to claim 1, wherein said at least one liquid fatty phase is present in an amount ranging from 1% to 99% by weight relative to the total weight of the composition.

53. The composition according to claim 52, wherein said at least one liquid fatty phase is present in an amount ranging from 5% to 95.5% by weight relative to the total weight of the composition.

54. The composition according to claim 52, wherein said at least one liquid fatty phase is present in an amount ranging from 10% to 80% by weight relative to the total weight of the composition.

55. The composition according to claim 52, wherein said at least one liquid fatty phase is present in an amount ranging from 20% to 75% by weight relative to the total weight of the composition.

56. The composition according to claim 1, wherein said at least one liquid fatty phase comprises at least one volatile solvent chosen from hydrocarbon-based solvents and silicone solvents optionally comprising alkyl or alkoxy groups that are pendant or at the end of a silicone chain.

57. The composition according to claim 56, wherein said at least one volatile solvent is present in an amount up to 95.5% relative to the total weight of the composition.

58. The composition according to claim 57, wherein said at least one volatile solvent is present in an amount ranging from 2% to 75% relative to the total weight of the composition.

59. The composition according to claim 58, wherein said at least one volatile solvent is present in an amount ranging from 10% to 45% relative to the total weight of the composition.

60. The composition according to claim 1, wherein said composition further comprises at least one additional fatty material.

61. The composition according to claim 60, wherein said at least one additional fatty material is chosen from gums, fatty materials pasty at ambient temperature, and resins.

62. The composition according to claim 1 further comprising at least one film forming polymer.

63. The composition according to claim 1, wherein said film-forming polymer is present in the composition in an amount ranging from 0.1% to 20% by weight relative to the total weight of the composition.

64. The cosmetic composition of claim 1, wherein said swelling agent comprises linear or cyclic polydimethylsiloxane.

65. The cosmetic composition of claim 64, wherein said polydimethylsiloxane comprises a cyclomethicone.

66. The cosmetic composition of claim 64, wherein said polydimethylsiloxane comprises a dimethicone.

67. The cosmetic composition of claim 1 wherein said swelling agent comprises a phenylmethicone.

68. The cosmetic composition of claim 1 wherein said swelling agent comprises a fluorinated silicone.

69. The cosmetic composition of claim 1, wherein said silicone resin comprises a polyorganosilsesquioxane.

70. The cosmetic composition of claim 1, wherein said silicone elastomer core is unfunctionalized.

71. The cosmetic composition of claim 1, wherein said silicone elastomer core contains pendant functional groups.

72. The cosmetic composition of claim 71, wherein said functional groups comprise fluoroalkyl groups.

73. The cosmetic composition of claim 71, wherein said functional groups comprise phenyl groups.

74. The cosmetic composition of claim 1, wherein said structural agent comprises a polyamide bonded to a fatty chain via an ester group, said swelling agent comprises a dimethicone, and said silicone resin comprises a polyorganosilsesquioxane.

75. The cosmetic composition of claim 1, wherein ratio of amount of said silicone elastomer powder to said structuring agent is from about 0.1 to about 9.0.

76. The cosmetic composition of claim 75, wherein the ratio is from about 0.5 to about 5.0.

77. The cosmetic composition of claim 75, wherein the ratio is from about 1.0 to about 4.0.

78. The cosmetic composition of claim 75, wherein the ratio is from about 1.0 to about 3.0.

79. The composition according to claim 1, wherein the composition is in a form chosen from a fluid simple emulsion, rigid simple emulsion, fluid multiple emulsion, and rigid multiple emulsion.

80. The composition according to claim 1, wherein said composition is a solid.

81. The composition according to claim 80, wherein said composition is a solid chosen from molded and poured sticks.

82. A composition in the form of an emulsion comprising at least one liquid fatty phase which comprises:

(i) at least one structuring polymer, wherein said at least one structuring polymer is at least one polyamide polymer comprising:

a polymer skeleton which comprises at least one amide repeating unit;

(ii) at least one sunscreen agent;

(iii) a silicone elastomer powder comprising a silicone elastomer core coated with a silicone resin; and

(iv) a swelling agent for said powder.

83. The composition according to claim 82, wherein said at least one polyamide polymer further comprises at least one of:

at least one terminal fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one terminal fatty chain is bonded to said polymer skeleton via at least one linking group; and

at least one pendant fatty chain chosen from alkyl chains and alkenyl chains, wherein said at least one pendant fatty chain is bonded to said polymer skeleton via at least one linking group.

84. The composition according to claim 83, wherein said alkyl chains and said alkenyl chains each comprise at least four carbon atoms.

85. The composition according to claim 84, wherein said alkyl chains and said alkenyl chains each comprise from 8 to 120 carbon atoms.

86. The composition according to claim 85, wherein said alkyl chains and said alkenyl chains each comprise from 12 to 68 carbon atoms.

87. The composition according to claim 83, wherein said at least one linking group is chosen from single bonds and urea, urethane, thiourea, thiourethane, thioether, thioester, ester, ether and amine groups.

88. The composition according to claim 87, wherein said at least one linking group is an ester group present in a proportion ranging from 15% to 40% of the total number of all ester and amide groups in the at least one polyamide polymer.

89. The composition according to claim 88, wherein said at least one linking group is an ester group present in a proportion ranging from 20% to 35% of the total number of all ester and amide groups in the at least one polyamide polymer.

90. The composition according to claim 83, wherein said at least one terminal fatty chain is functionalized.

91. The composition according to claim 83, wherein said at least one pendant fatty chain is functionalized.

92. The composition according to claim 83, wherein in said at least one polyamide polymer, the percentage of the total number of fatty chains ranges from 40% to 98% relative to the total number of all amide units and fatty chains in the at least one polyamide polymer.

93. The composition according to claim 92, wherein in said at least one polyamide polymer, the percentage of the total number of fatty chains ranges from 50% to 95% relative to the total number of all amide units and fatty chains in the at least one polyamide polymer.

94. The composition according to claim 82, wherein said at least one polyamide polymer has a weight-average molecular mass of less than 100,000.

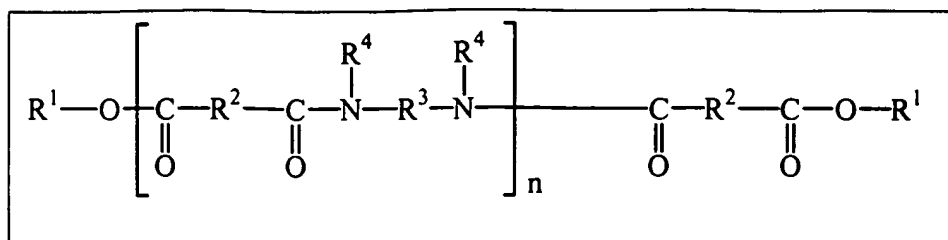
95. The composition according to claim 94, wherein said at least one polyamide polymer has a weight-average molecular mass of less than 50,000.

96. The composition according to claim 95, wherein said at least one polyamide polymer has a weight-average molecular mass ranging from 1000 to 30,000.

97. The composition according to claim 96, wherein said at least one polyamide polymer has a weight-average molecular mass ranging from 2000 to 20,000.

98. The composition according to claim 97, wherein said at least one polyamide polymer has a weight-average molecular mass ranging from 2000 to 10,000.

99. The composition according to claim 82, wherein said at least one polyamide polymer is chosen from polyamide polymers of formula (I):



in which:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;

- R<sup>1</sup>, which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;

- R<sup>2</sup>, which are identical or different, are each chosen from C<sub>4</sub> to C<sub>42</sub> hydrocarbon-based groups with the proviso that at least 50% of all R<sup>2</sup> are chosen from C<sub>30</sub> to C<sub>42</sub> hydrocarbon-based groups;

- R<sup>3</sup>, which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms with the proviso that R<sup>3</sup> comprises at least 2 carbon atoms; and

- R<sup>4</sup>, which are identical or different, are each chosen from hydrogen atoms, C<sub>1</sub> to C<sub>10</sub> alkyl groups and a direct bond to at least one group chosen from R<sup>3</sup> and another R<sup>4</sup> such that when said at least one group is chosen from another R<sup>4</sup>, the nitrogen atom to which both R<sup>3</sup> and R<sup>4</sup> are bonded forms part of a heterocyclic structure defined in part by R<sup>4</sup>-N-R<sup>3</sup>, with the proviso that at least 50% of all R<sup>4</sup> are chosen from hydrogen atoms.

100. The composition according to claim 99, wherein in said formula (I),  $n$  is an integer ranging from 1 to 5.

101. The composition according to claim 99, wherein in said formula (I),  $n$  is an integer ranging from 3 to 5.

102. The composition according to claim 99, wherein in said formula (I), said alkyl groups of  $R^1$  and said alkenyl groups of  $R^1$  each independently comprise from 4 to 24 carbon atoms.

103. The composition according to claim 102, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{12}$  to  $C_{22}$  alkyl groups.

104. The composition according to claim 103, wherein in said formula (I),  $R^1$ , which are identical or different, are each chosen from  $C_{16}$  to  $C_{22}$  alkyl groups.

105. The composition according to claim 99, wherein in said formula (I),  $R^2$ , which are identical or different, are each chosen from  $C_{10}$  to  $C_{42}$  hydrocarbon based groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

106. The composition according to claim 105, wherein at least 75% of all  $R^2$ , which are identical or different, are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon based groups.

107. The composition according to claim 106, wherein in said formula (I),  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{36}$  hydrocarbon-based groups and polyoxyalkylene groups.

108. The composition according to claim 107, wherein  $R^3$ , which can be identical or different, are each chosen from  $C_2$  to  $C_{12}$  hydrocarbon-based groups.



109. The composition according to claim 82, wherein in said formula (I),  $R^4$ , which can be identical or different, are each chosen from hydrogen atoms.

110. The composition according to claim 82, wherein said at least one polymer of formula (I) is in the form of a mixture of polymers, wherein said mixture optionally also comprises a compound of formula (I) wherein n is equal to zero.

111. The composition according to claim 82, wherein said at least one polyamide polymer is chosen from polymers resulting from at least one polycondensation reaction between at least one dicarboxylic acid comprising at least 32 carbon atoms and at least one amine chosen from diamines comprising at least 2 carbon atoms and triamines comprising at least 2 carbon atoms.

112. The composition according to claim 82, wherein said at least one dicarboxylic acid comprises from 32 to 44 carbon atoms and said at least one amine comprises from 2 to 36 carbon atoms.

113. The composition according to claim 112, wherein said at least one dicarboxylic acid is chosen from dimers of at least one fatty acid comprising at least 16 carbon atoms.

114. The composition according to claim 113, wherein said at least one fatty acid is chosen from oleic acid, linoleic acid and linolenic acid.

115. The composition according to claim 114, wherein said at least one amine is chosen from ethylenediamine, hexylenediamine, hexamethylenediamine, phenylenediamine and ethylenetriamine.

116. The composition according to claim 82, wherein said at least one polyamide polymer is chosen from polymers comprising at least one terminal carboxylic acid group.

117. The composition according to claim 116, wherein said at least one terminal carboxylic acid group is esterified with at least one alcohol chosen from monoalcohols comprising at least 4 carbon atoms.

118. The composition according to claim 117, wherein said at least one polyamide polymer is chosen from:

- polymers chosen from mixtures of copolymers derived from monomers of (i) C<sub>36</sub> diacids and (ii) ethylenediamine, and having a weight-average molecular mass of about 6000;
- polyamide polymers resulting from the condensation of at least one aliphatic dicarboxylic acid and at least one diamine, the carbonyl and amine groups being condensed via an amide bond; and
- polyamide resins from vegetable sources.

119. The composition according to claim 82, wherein said at least one polyamide polymer has a softening point greater than 50 °C.

120. The composition according to claim 119, wherein said at least one polyamide polymer has a softening point ranging from 65 °C to 190 °C.

121. The composition according to claim 120, wherein said at least one polyamide polymer has a softening point ranging from 70 °C to 130 °C.

122. The composition according to claim 121, wherein said at least one polyamide polymer has a softening point ranging from 80 °C to 105 °C.

123. The composition according to claim 118, wherein said at least one polyamide polymer is present in the composition in an amount ranging from 0.5% to 80% by weight relative to the total weight of the composition.

124. The composition according to claim 123, wherein said at least one polyamide polymer is present in the composition in an amount ranging from 2% to 60% by weight relative to the total weight of the composition.

125. The composition according to claim 124, wherein said at least one polyamide polymer is present in the composition in an amount ranging from 5% to 40% by weight relative to the total weight of the composition.

126. The composition according to claim 82, wherein said at least one liquid fatty phase of the composition comprises at least one oil.

127. The composition according to claim 126, wherein said at least one oil is chosen from at least one polar oil and at least one apolar oil.

128. The composition according to claim 127, wherein said at least one polar oil is chosen from:

- hydrocarbon-based plant oils with a high content of triglycerides comprising fatty acid esters of glycerol in which the fatty acids comprise chains having from 4 to 24 carbon atoms, said chains optionally being chosen from linear and branched, and saturated and unsaturated chains;
- synthetic oils or esters of formula  $R_5COOR_6$  in which  $R_5$  is chosen from linear and branched fatty acid residues comprising from 1 to 40 carbon atoms and  $R_5 + R_6 > 10$ ;
- synthetic ethers containing from 10 to 40 carbon atoms;

- C<sub>8</sub> to C<sub>26</sub> fatty alcohols; and
- C<sub>8</sub> to C<sub>26</sub> fatty acids.

129. The composition according to claim 127, wherein said at least one apolar oil is chosen from:

- silicone oils chosen from volatile and non-volatile, linear and cyclic polydimethylsiloxanes that are liquid at room temperature;
- polydimethylsiloxanes comprising alkyl or alkoxy groups which are pendant and/or at the end of the silicone chain, the groups each containing from 2 to 24 carbon atoms;
- phenylsilicones; and
- hydrocarbons chosen from linear and branched, volatile and non-volatile hydrocarbons of synthetic and mineral origin.

130. The composition according to claim 126, wherein said at least one liquid fatty phase comprises at least one non-volatile oil.

131. The composition according to claim 130, wherein said at least one non-volatile oil is chosen from hydrocarbon-based oils of mineral, plant and synthetic origin, synthetic esters and ethers, and silicone oils.

132. The composition according to claim 131, wherein said at least one liquid fatty phase is present in an amount ranging from 1% to 99% by weight relative to the total weight of the composition.

133. The composition according to claim 132, wherein said at least one liquid fatty phase is present in an amount ranging from 5% to 95.5% by weight relative to the total weight of the composition.

134. The composition according to claim 133, wherein said at least one liquid fatty phase is present in an amount ranging from 10% to 80% by weight relative to the total weight of the composition.

135. The composition according to claim 134, wherein said at least one liquid fatty phase is present in an amount ranging from 20% to 75% by weight relative to the total weight of the composition.

136. The composition according to claim 126, wherein said at least one liquid fatty phase comprises at least one volatile solvent chosen from hydrocarbon-based solvents and silicone solvents optionally comprising alkyl or alkoxy groups that are pendant or at the end of a silicone chain.

137. The composition according to claim 136, wherein said at least one volatile solvent is present in an amount up to 95.5% relative to the total weight of the composition.

138. The composition according to claim 137, wherein said at least one volatile solvent is present in an amount ranging from 2% to 75% relative to the total weight of the composition.

139. The composition according to claim 138, wherein said at least one volatile solvent is present in an amount ranging from 10% to 45% relative to the total weight of the composition.

140. The composition according to claim 126, wherein said composition further comprises at least one additional fatty material.

141. The composition according to claim 140, wherein said at least one additional fatty material is chosen from gums, fatty materials pasty at ambient temperature, and resins.

142. The composition according to claim 99, wherein the composition is in a form chosen from a fluid simple emulsion, rigid simple emulsion, fluid multiple emulsion, and rigid multiple emulsion.

143. The cosmetic composition of claim 82, wherein said swelling agent comprises linear or cyclic polydimethylsiloxane.

144. The cosmetic composition of claim 143, wherein said polydimethylsiloxane comprises a cyclomethicone.

145. The cosmetic composition of claim 143, wherein said polydimethylsiloxane comprises a dimethicone.

146. The cosmetic composition of claim 82, wherein said swelling agent comprises a phenylmethicone.

147. The cosmetic composition of claim 82, wherein said swelling agent comprises a fluorinated silicone.

148. The cosmetic composition of claim 82, wherein said silicone resin comprises a polyorganosilsesquioxane.

149. The cosmetic composition of claim 82, wherein said silicone elastomer core is unfunctionalized.

150. The cosmetic composition of claim 82, wherein said silicone elastomer core contains pendant functional groups.

1

151. The cosmetic composition of claim 150, wherein said functional groups comprise fluoroalkyl groups.

152. The cosmetic composition of claim 150, wherein said functional groups comprise phenyl groups.

153. The cosmetic composition of claim 82, wherein said structuring agent comprises a polyamide bonded to a fatty chain via an ester group, said swelling agent comprises a dimethicone, and said silicone resin comprises a polyorganosilsesquioxane.

154. The cosmetic composition of claim 82, wherein ratio of amount of said silicone elastomer powder to said structuring agent is from about 0.1 to about 9.0.

155. The cosmetic composition of claim 154, wherein the ratio is from about 0.5 to about 5.0.

156. The cosmetic composition of claim 154, wherein the ratio is from about 1.0 to about 4.0.

157. The cosmetic composition of claim 154, wherein the ration is from about 1.0 to about 3.0.

158. A method for increasing solar protection comprising the application of a composition according to claim 1.

159. A method for increasing solar protection comprising the application of a composition according to claim 99.

160. A foundation, mascara, eye liner, concealer, lipstick, blush for cheeks or eyelids, body makeup, sun screen, deodorant, colorant for skin or hair, skin care formula, shampoo, after shampoo treatment, or makeup removing product comprising:

at least one liquid fatty phase in said foundation, mascara, eye liner, concealer, lipstick, blush for cheeks or eyelids, body makeup, sun screen, deodorant, colorant for skin or hair, skin care formula, shampoo, after shampoo treatment, or makeup removing product which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom;

(ii) at least one sunscreen agent; and

(iii) a silicone elastomer powder comprising a silicone elastomer core coated with a silicone resin; and

(iv) a swelling agent for said powder.

161. A make-up and/or care and/or treatment composition for keratinous fibers comprising:

at least one liquid fatty phase in said composition which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom;

(ii) at least one sunscreen agent; and

(iii) a silicone elastomer powder comprising a silicone elastomer core coated with a silicone resin; and

(iv) a swelling agent for said powder.

162. A treatment, care or make-up composition for keratinous fibers comprising a structured composition containing at least one liquid fatty phase in said treatment,



care or make-up composition structured with at least one structuring polymer comprising a polymer skeleton comprising at least one hydrocarbon-based repeating unit comprising at least one hetero atom, at least one sunscreen agent, a silicone elastomer powder comprising a silicone elastomer core coated with a silicone resin; a swelling agent for said powder, and at least one coloring agent.

163. A method for care, make up, or treatment of a keratin material chosen from lips, skin, and keratinous fibers, comprising the application to said keratin material of a cosmetic composition comprising:

at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom;

(ii) at least one sunscreen agent; and

(iii) a silicone elastomer powder comprising a silicone elastomer core coated with a silicone resin; and

(iv) a swelling agent for said powder.

164. A method for making a cosmetic composition in the form of a physiologically acceptable composition, comprising including in said composition at least one liquid fatty phase which comprises:

(i) at least one structuring polymer comprising:

a polymer skeleton which comprises at least one hydrocarbon-based repeating unit comprising at least one hetero atom;

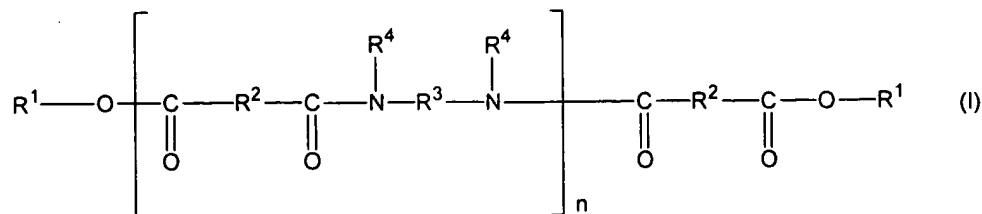
(ii) at least one sunscreen agent;

(iii) a silicone elastomer powder comprising a silicone elastomer core coated with a silicone resin; and

(iv) a swelling agent for said powder.

PENDING CLAIMS  
Application No. 10/746,612  
Attorney Docket No. 05725.1338-01000  
Filed: December 22, 2003

1. A cosmetic composition, comprising: a structuring agent comprising a polymer skeleton having a hydrocarbon-based repeating unit comprising at least one hetero atom; a liquid fatty phase; a silicone elastomer powder comprising a silicone elastomer core coated with a silicone resin; and a swelling agent for said powder.
2. The cosmetic composition of claim 1, wherein said structuring agent further comprises at least one fatty chain bonded to said polymer skeleton.
3. The cosmetic composition of claim 2, wherein said fatty chain is a pendant chain.
4. The cosmetic composition of claim 2, wherein said fatty chain is a terminal chain.
5. The cosmetic composition of claim 4, wherein said fatty chain is bonded to said polymer skeleton via an ester group.
6. The cosmetic composition of claim 2, wherein said structuring agent comprises a plurality of fatty chains, including a terminal fatty chain.
7. The cosmetic composition of claim 2, wherein said fatty chain is functionalized.
8. The cosmetic composition of claim 1, wherein said polymer skeleton is a polyamide.
9. The cosmetic composition of claim 8, wherein said structuring agent is chosen from polyamide polymers of formula (I):



wherein:

-  $n$  is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;

-  $R^1$ , which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;

-  $R^2$ , which are identical or different, are each chosen from  $C_4$  to  $C_{42}$  hydrocarbon-based groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon-based groups;

-  $R^3$ , which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms, with the proviso that  $R^3$  comprises at least 2 carbon atoms; and

-  $R^4$ , which are identical or different, are each chosen from hydrogen atoms,  $C_1$  to  $C_{10}$  alkyl groups and a direct bond to at least one group chosen from  $R^3$  and another  $R^4$  such that when said at least one group is chosen from another  $R^4$ , the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined in part by  $R^4-N-R^3$ , with the proviso that at least 50% of all  $R^4$  are chosen from hydrogen atoms.

10. The cosmetic composition of claim 1, wherein said swelling agent comprises linear or cyclic polydimethylsiloxane.

11. The cosmetic composition of claim 10, wherein said polydimethylsiloxane comprises a cyclomethicone.

12. The cosmetic composition of claim 10, wherein said polydimethylsiloxane comprises a dimethicone.

13. The cosmetic composition of claim 1 wherein said swelling agent comprises a phenylmethicone.

14. The cosmetic composition of claim 1 wherein said swelling agent comprises a fluorinated silicone.

15. The cosmetic composition of claim 1, wherein said silicone resin comprises a polyorganosilsesquioxane.

16. The cosmetic composition of claim 1, wherein said silicone elastomer core is unfunctionalized.

17. The cosmetic composition of claim 1, wherein said silicone elastomer core contains pendant functional groups.

18. The cosmetic composition of claim 17, wherein said functional groups comprise fluoroalkyl groups.

19. The cosmetic composition of claim 17, wherein said functional groups comprise phenyl groups.

20. The cosmetic composition of claim 1, wherein said structural agent comprises a polyamide bonded to a fatty chain via an ester group, said swelling agent comprises a dimethicone, and said silicone resin comprises a polyorganosilsesquioxane.

21. The cosmetic composition of claim 1, wherein said liquid fatty phase comprises a polar oil, an apolar oil, or a mixture of said polar and apolar oils.

22. The cosmetic composition of claim 1, which is in the form of an emulsion.

23. The cosmetic composition of claim 22, further comprising an aqueous phase.

24. The cosmetic composition of claim 22, which is anhydrous.

25. The cosmetic composition of claim 1, further comprising a film-forming agent.

26. The cosmetic composition of claim 1, further comprising a wax.

27. The cosmetic composition of claim 1, further comprising a sunscreen agent.

28. The cosmetic composition of claim 1, further comprising an emulsifier.

29. The cosmetic composition of claim 1, further comprising a plasticizer.

30. The cosmetic composition of claim 1, further comprising an additive.

31. The cosmetic composition of claim 30, wherein the additive comprises a pigment.

32. The cosmetic composition of claim 31, wherein said pigment is treated.

33. The cosmetic composition of claim 31, wherein said pigment is treated with an amino acid.

34. The cosmetic composition of claim 1, which is in the form of a solid, a paste, a gel or a cream.

35. The cosmetic composition of claim 1, which is in a molded form.

36. The cosmetic composition of claim 1, which is in the form of a stick or dish.

37. The cosmetic composition of claim 1, which is in the form of a powder.

38. A composition useful in the preparation of a cosmetic, comprising: a structuring agent comprising a polymer skeleton comprising a hydrocarbon-based repeating unit containing at least one hetero atom, and a silicone elastomer powder comprising a silicone elastomer core coated with a silicone resin.

39. The composition of claim 38, wherein said structuring agent further comprises at least one fatty chain bonded to said polymer skeleton.

40. The composition of claim 39, wherein said fatty chain is a pendant chain.

41. The composition of claim 39, wherein said fatty chain is a terminal chain.

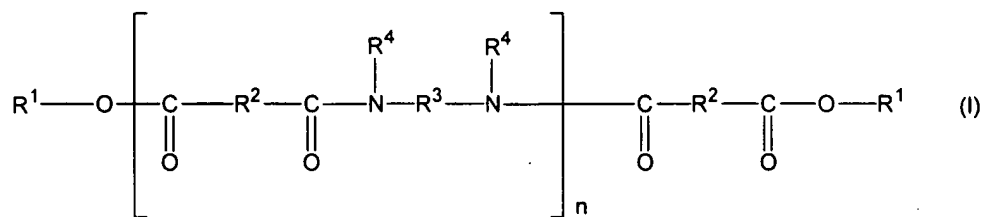
42. The composition of claim 41, wherein said fatty chain is bonded to said polymer skeleton via an ester group.

43. The composition of claim 38, wherein said structuring agent comprises a plurality of fatty chains, including a terminal fatty chain.

44. The composition of claim 38, wherein said fatty chain is functionalized.

45. The composition of claim 38, wherein said polymer skeleton is a polyamide.

46. The composition of claim 45, wherein said structuring agent is chosen from polyamide polymers of formula (I):



wherein:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;

-  $R^1$ , which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;

-  $R^2$ , which are identical or different, are each chosen from  $C_4$  to  $C_{42}$  hydrocarbon-based groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon-based groups;

-  $R^3$ , which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms, with the proviso that  $R^3$  comprises at least 2 carbon atoms; and

-  $R^4$ , which are identical or different, are each chosen from hydrogen atoms,  $C_1$  to  $C_{10}$  alkyl groups and a direct bond to at least one group chosen from  $R^3$  and another  $R^4$  such that when said at least one group is chosen from another  $R^4$ , the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined in part by  $R^4-N-R^3$ , with the proviso that at least 50% of all  $R^4$  are chosen from hydrogen atoms.

47. A method for care, make-up or treatment of a keratin material, comprising applying to the keratin material a composition comprising a structuring agent comprising a polymer skeleton having a hydrocarbon-based repeating unit comprising at least one hetero atom; a liquid fatty phase; a silicone elastomer powder comprising a silicone elastomer core coated with a silicone resin; and a swelling agent for the powder.

48. The method of claim 47, wherein the keratin material comprises lips.

49. The method of claim 47, wherein the keratin material comprises skin.

50. The method of claim 47, wherein the keratin material comprises keratinous fibers.

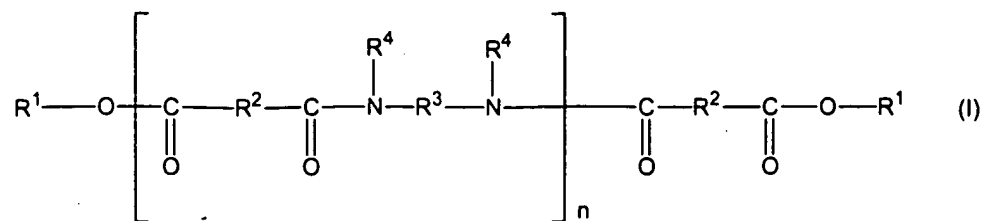
51. The method of claim 47, wherein the structural agent comprises a polyamide bonded to a fatty chain via an ester group, the swelling agent comprises a dimethicone, and the silicone resin comprises a polyorganosilsesquioxane.

52. The method of claim 47, wherein the composition further comprises a liquid phase comprising a liquid fatty phase and a swelling agent.

PENDING CLAIMS  
Application No. 10/747,412  
Attorney Docket No. 05725.1338-02000  
Filed: December 22, 2003

1. A cosmetic composition, comprising: a structuring agent comprising a polymer skeleton having a hydrocarbon-based repeating unit comprising at least one hetero atom; a liquid fatty phase; a silicone elastomer powder comprising a silicone elastomer core coated with a silicone resin; and a swelling agent for said powder.
2. The cosmetic composition of claim 1, wherein said structuring agent further comprises at least one fatty chain bonded to said polymer skeleton.
3. The cosmetic composition of claim 2, wherein said fatty chain is a pendant chain.
4. The cosmetic composition of claim 2, wherein said fatty chain is a terminal chain.
5. The cosmetic composition of claim 4, wherein said fatty chain is bonded to said polymer skeleton via an ester group.
6. The cosmetic composition of claim 2, wherein said structuring agent comprises a plurality of fatty chains, including a terminal fatty chain.
7. The cosmetic composition of claim 2, wherein said fatty chain is functionalized.
8. The cosmetic composition of claim 1, wherein said polymer skeleton is a polyamide.
9. The cosmetic composition of claim 8, wherein said structuring agent is chosen from polyamide polymers of formula (I):





wherein:

- n is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;
- R<sup>1</sup>, which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;
- R<sup>2</sup>, which are identical or different, are each chosen from C<sub>4</sub> to C<sub>42</sub> hydrocarbon-based groups with the proviso that at least 50% of all R<sup>2</sup> are chosen from C<sub>30</sub> to C<sub>42</sub> hydrocarbon-based groups;
- R<sup>3</sup>, which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms, with the proviso that R<sup>3</sup> comprises at least 2 carbon atoms; and
- R<sup>4</sup>, which are identical or different, are each chosen from hydrogen atoms, C<sub>1</sub> to C<sub>10</sub> alkyl groups and a direct bond to at least one group chosen from R<sup>3</sup> and another R<sup>4</sup> such that when said at least one group is chosen from another R<sup>4</sup>, the nitrogen atom to which both R<sup>3</sup> and R<sup>4</sup> are bonded forms part of a heterocyclic structure defined in part by R<sup>4</sup>-N-R<sup>3</sup>, with the proviso that at least 50% of all R<sup>4</sup> are chosen from hydrogen atoms.

10. The cosmetic composition of claim 1, wherein said swelling agent comprises linear or cyclic polydimethylsiloxane.

11. The cosmetic composition of claim 10, wherein said polydimethylsiloxane comprises a cyclomethicone.

12. The cosmetic composition of claim 10, wherein said polydimethylsiloxane comprises a dimethicone.

13. The cosmetic composition of claim 1 wherein said swelling agent comprises a phenylmethicone.

14. The cosmetic composition of claim 1 wherein said swelling agent comprises a fluorinated silicone.

15. The cosmetic composition of claim 1, wherein said silicone resin comprises a polyorganosilsesquioxane.

16. The cosmetic composition of claim 1, wherein said silicone elastomer core is unfunctionalized.

17. The cosmetic composition of claim 1, wherein said silicone elastomer core contains pendant functional groups.

18. The cosmetic composition of claim 17, wherein said functional groups comprise fluoroalkyl groups.

19. The cosmetic composition of claim 17, wherein said functional groups comprise phenyl groups.

20. The cosmetic composition of claim 1, wherein said structural agent comprises a polyamide bonded to a fatty chain via an ester group, said swelling agent

comprises a dimethicone, and said silicone resin comprises a polyorganosilsesquioxane.

21. The cosmetic composition of claim 1, wherein said liquid fatty phase comprises a polar oil, an apolar oil, or a mixture of said polar and apolar oils.

22. The cosmetic composition of claim 1, which is in the form of an emulsion.

23. The cosmetic composition of claim 22, further comprising an aqueous phase.

24. The cosmetic composition of claim 22, which is anhydrous.

25. The cosmetic composition of claim 1, further comprising a film-forming agent.

26. The cosmetic composition of claim 1, further comprising a wax.

27. The cosmetic composition of claim 1, further comprising a sunscreen agent.

28. The cosmetic composition of claim 1, further comprising an emulsifier.

29. The cosmetic composition of claim 1, further comprising a plasticizer.

30. The cosmetic composition of claim 1, further comprising an additive.

31. The cosmetic composition of claim 30, wherein the additive comprises a pigment.

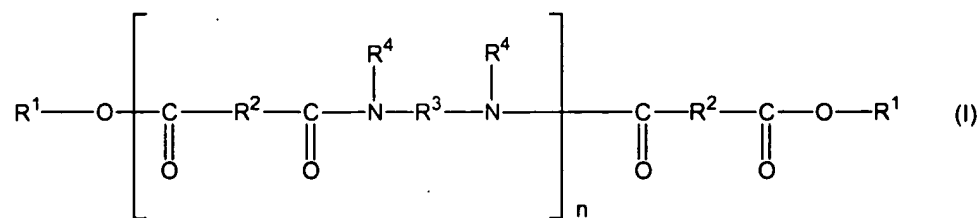
32. The cosmetic composition of claim 31, wherein said pigment is treated.

33. The cosmetic composition of claim 31, wherein said pigment is treated with an amino acid.

34. The cosmetic composition of claim 1, which is in the form of a solid, a paste, a gel or a cream.

35. The cosmetic composition of claim 1, which is in a molded form.

36. The cosmetic composition of claim 1, which is in the form of a stick or dish.
37. The cosmetic composition of claim 1, which is in the form of a powder.
38. A composition useful in the preparation of a cosmetic, comprising: a structuring agent comprising a polymer skeleton comprising a hydrocarbon-based repeating unit containing at least one hetero atom, and a silicone elastomer powder comprising a silicone elastomer core coated with a silicone resin.
39. The composition of claim 38, wherein said structuring agent further comprises at least one fatty chain bonded to said polymer skeleton.
40. The composition of claim 39, wherein said fatty chain is a pendant chain.
41. The composition of claim 39, wherein said fatty chain is a terminal chain.
42. The composition of claim 41, wherein said fatty chain is bonded to said polymer skeleton via an ester group.
43. The composition of claim 38, wherein said structuring agent comprises a plurality of fatty chains, including a terminal fatty chain.
44. The composition of claim 38, wherein said fatty chain is functionalized.
45. The composition of claim 38, wherein said polymer skeleton is a polyamide.
46. The composition of claim 45, wherein said structuring agent is chosen from polyamide polymers of formula (I):



wherein:

-  $n$  is an integer which represents the number of amide units such that the number of ester groups present in said at least one polyamide polymer ranges from 10% to 50% of the total number of all ester groups and all amide groups comprised in said at least one polyamide polymer;

-  $R^1$ , which are identical or different, are each chosen from alkyl groups comprising at least 4 carbon atoms and alkenyl groups comprising at least 4 carbon atoms;

-  $R^2$ , which are identical or different, are each chosen from  $C_4$  to  $C_{42}$  hydrocarbon-based groups with the proviso that at least 50% of all  $R^2$  are chosen from  $C_{30}$  to  $C_{42}$  hydrocarbon-based groups;

-  $R^3$ , which are identical or different, are each chosen from organic groups comprising atoms chosen from carbon atoms, hydrogen atoms, oxygen atoms and nitrogen atoms, with the proviso that  $R^3$  comprises at least 2 carbon atoms; and

-  $R^4$ , which are identical or different, are each chosen from hydrogen atoms,  $C_1$  to  $C_{10}$  alkyl groups and a direct bond to at least one group chosen from  $R^3$  and another  $R^4$  such that when said at least one group is chosen from another  $R^4$ , the nitrogen atom to which both  $R^3$  and  $R^4$  are bonded forms part of a heterocyclic structure defined in part by  $R^4-N-R^3$ , with the proviso that at least 50% of all  $R^4$  are chosen from hydrogen atoms.

47. A method for care, make-up or treatment of a keratin material, comprising applying to the keratin material a composition comprising a structuring agent comprising a polymer skeleton having a hydrocarbon-based repeating unit comprising at least one

hetero atom; a liquid fatty phase; a silicone elastomer powder comprising a silicone elastomer core coated with a silicone resin; and a swelling agent for the powder.

48. The method of claim 47, wherein the keratin material comprises lips.

49. The method of claim 47, wherein the keratin material comprises skin.

50. The method of claim 47, wherein the keratin material comprises keratinous fibers.

51. The method of claim 47, wherein the structural agent comprises a polyamide bonded to a fatty chain via an ester group, the swelling agent comprises a dimethicone, and the silicone resin comprises a polyorganosilsesquioxane.

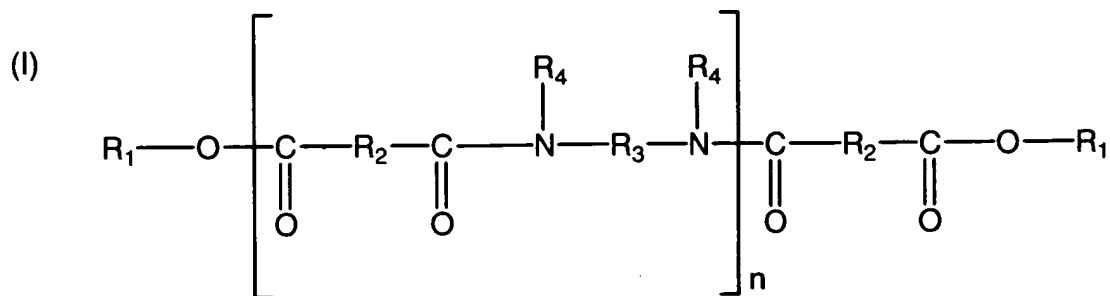
52. The method of claim 47, wherein the composition further comprises a liquid phase comprising a liquid fatty phase and a swelling agent.

PENDING CLAIMS  
Application No. 10/203,375  
Attorney Docket No. 06028.0018  
Filed: August 9, 2002

19. A transparent or translucent colored cosmetic composition for making up at least one of skin, lips and superficial body growths, comprising a bulk transparent or translucent cosmetic base and at least one coloring agent in an amount such that the transmission of a 10  $\mu$ m layer of the composition measured at a wavelength of a maximum of an absorption or scattering peak of the coloring agent ranges from 20% to 80%.
20. The colored cosmetic composition according to claim 19, wherein the transparent or translucent cosmetic base is a substantially colorless base.
21. The colored cosmetic composition according to claim 19, wherein the cosmetic base is chosen from aqueous gels and oily gels.
22. The colored cosmetic composition according to claim 21, wherein the gel is in stick form.
23. The colored cosmetic composition according to claim 19, wherein the base is an anhydrous gel formed from a fatty phase which is liquid at ambient temperature comprising an oil chosen from polar oils and nonpolar oils; wherein the fatty phase is structured by a gelling agent for fatty phases which is chosen from at least

one of hydrophobic pyrogenic silicas, gelling polyamides, and hydrophobic galactomannans.

24. The colored cosmetic composition according to claim 23, wherein the gelling polyamide corresponds to the formula (I):



in which n represents a whole number such that the number of ester groups ranges from 10% to 50% of the total number of the ester and amide groups;

R<sub>1</sub>, which may be identical or different, represents a group chosen from alkyls having at least 4 carbon atoms and alkenyls having at least 4 carbon atoms;

R<sub>2</sub>, which may be identical or different, represents a C<sub>4</sub> to C<sub>42</sub> hydrocarbonaceous group, provided that 50% of the R<sub>2</sub> groups represent a C<sub>30</sub> to C<sub>42</sub> hydrocarbonaceous group;

R<sub>3</sub>, which may be identical or different, represents an organic group having at least 2 carbon atoms, hydrogen atoms, and optionally at least one atom chosen from oxygen atoms and nitrogen atoms; and

R<sub>4</sub>, which may be identical or different, represents a group chosen from hydrogen atoms, C<sub>1</sub> to C<sub>10</sub> alkyls, optionally directly bonded to R<sub>3</sub> or to another R<sub>4</sub>, so that the nitrogen atom to which both R<sub>3</sub> and R<sub>4</sub> are bonded forms part of a heterocyclic structure defined by R<sub>4</sub>-N-R<sub>3</sub>, with at least 50% of the R<sub>4</sub> groups representing a hydrogen atom.



25. The colored cosmetic composition according to claim 24, wherein R<sub>1</sub>, which may be identical or different, represents a group chosen from alkyls having 4 to 24 carbon atoms and alkenyls having 4 to 24 carbon atoms.

26. The colored cosmetic composition according to claim 19, wherein the coloring agent is chosen from at least one of water-soluble dyes, fat-soluble dyes, pigments, pearlescence agents, and lakes.

27. The colored cosmetic composition according to claim 26, wherein the water-soluble dye is chosen from at least one of extracts of sorghum, *Pterocarpus soyauxii*, *Monascus*, *Lawsonia inermis*, *Mercurialis perenis*, *Helianthus aanus*, *Impatiens balsamina*, *Curcuma longa*, *Phytolacca decandra*, *Solidago aureus*, *Juglans regia*, *Iris germanica*, *Alkanna tinctoria*, *Chrozophoro tinctoria*, and *Isatis tinctoria*.

28. The colored cosmetic composition according to claim 26, wherein the fat-soluble dye is chosen from at least one of Sudan red III, lutein, quinizarin green, alizural purple SS, carotenoid derivatives, annatto derivatives, and fuchsin derivatives.

29. The colored cosmetic composition according to claim 28, wherein the carotenoid derivative is chosen from lycopene,  $\beta$ -carotene, bixin, and capsantein.

30. The colored cosmetic composition according to claim 26, wherein the pigment is chosen from at least one of white inorganic pigments, ~~or~~ colored inorganic pigments, white coated inorganic pigments, colored coated inorganic pigments, white organic pigments, and colored organic pigments.

31. (Cancelled)

32. The colored cosmetic composition according to claim 26, wherein the pearlescence agent is chosen from mica covered with at least one of titanium oxide and bismuth oxychloride and titanium oxide-coated mica covered with at least one of iron oxide, ferric blue, chromium oxide, and precipitated organic pigments.

33. The colored cosmetic composition according to claim 26, wherein the lake is chosen from at least one of lakes based on cochineal carmine, lakes based on at least one of calcium salts, barium salts, aluminum salts, strontium salts, and ~~or~~ zirconium salts, and lakes based on acid dyes.

34. The colored cosmetic composition according to claim 26, wherein the composition comprises at least one dye chosen from water-soluble dyes and fat-soluble dyes, wherein the dye is soluble in the cosmetic base.

35. The colored cosmetic composition according to claim 34, wherein the composition comprises, as the coloring agent, at least one dye which is soluble in the

cosmetic base and wherein the composition is devoid of insoluble coloring agents chosen from pigments, pearlescence agents, and lakes.

36. The colored cosmetic composition according to claim 34, wherein the cosmetic base is a lipophilic base and wherein the composition comprises at least one lipophilic dye which is soluble in the lipophilic base.

37. The colored cosmetic composition according to claim 19, wherein the coloring agent is present in an amount such that the transmission of the 10  $\mu\text{m}$  layer of the composition measured at the wavelength of the maximum of the absorption or scattering peak of the coloring agent ranges from 25% to 80%.

38. The colored cosmetic composition according to claim 19, wherein the amount of coloring agent ranges from 0.05% to 3% by weight with respect to the total weight of the composition.

39. The colored cosmetic composition according to claim 19, wherein the amount of coloring agent ranges from 0.1% to 1% by weight with respect to the total weight of the composition.

40. The colored cosmetic composition according to claim 19, wherein the composition is chosen from anhydrous lipstick forms ~~or~~ and anhydrous foundation forms.

41. A process for the preparation of a transparent or translucent colored cosmetic composition for making up skin, lips and superficial body growths, comprising a bulk transparent or translucent cosmetic base and at least one coloring agent in an amount such that the transmission of a 10  $\mu\text{m}$  layer of the composition measured at a wavelength of a maximum of an absorption or scattering peak of the coloring agent ranges from 20% to 80%, wherein the process comprises:

- (1) selecting the cosmetic base,
- (2) preparing a series of samples of the cosmetic base comprising increasing amounts of the coloring agent dissolved or dispersed in the cosmetic base,
- (3) spreading each of the samples thus prepared over a translucent slide having a recess with depth of 10 $\mu\text{m}$ ,
- (4) optionally leveling the sample so as to obtain an even layer with a thickness of 10 $\mu\text{m}$ ,
- (5) measuring, for each of the samples, the transmission of the layer at the wavelength corresponding to the maximum of the absorption or scattering peak ( $\lambda_{\text{max}}$ ) of the coloring agent,
- (6) plotting a calibration curve wherein the values of the transmission at ( $\lambda_{\text{max}}$ ) is a function of the concentration of the coloring agent, and
- (7) incorporating the at least one coloring agent in a transparent or translucent cosmetic base which is identical or different from that selected in step (1) above and which is in a liquid state, the at least one coloring agent being incorporated

in the cosmetic base in an amount which, according to the calibration curve prepared for each coloring agent, results in a transmission at 10 $\mu$ m of ranging from 20% to 80%.

42. The process as claimed in claim 41, wherein the transmission in step (7) ranges from 25% to 80%.

43. The colored cosmetic composition according to claim 30, wherein the pigment is chosen from at least one of titanium dioxide, zirconium dioxide, cerium dioxide, zinc oxide, iron oxide, chromium oxide, ferric blue, chromium hydrate, carbon black, ultramarines, manganese violet, manganese pyrophosphate, and metal powders.

44. The colored cosmetic composition as claimed in claim 43, wherein the metal powder is chosen from silver powders and aluminum powders.

PENDING CLAIM  
Application No. 10/203,374  
Attorney Docket No. 06028.0019  
Filed: August 9, 2002

17. A process for making a colored make-up cosmetic composition which produces a transparent or translucent colored coat on at least one of the skin, lips and superficial body growths, comprising the following successive steps:

(1) selecting a cosmetically acceptable base having at least one of bulk opaqueness, translucency and transparency,

(2) preparing at least one series of samples of the cosmetic base, each series comprising increasing amounts of a coloring agent dissolved or dispersed in the cosmetically acceptable base,

(3) spreading each of the samples of the at least one series over a transparent slide having a recess with a depth of 10  $\mu\text{m}$ ,

(4) measuring, for each of the samples of the at least one series, the transmission of the layer thus formed at a wavelength corresponding to the maximum of the absorption or scattering peak ( $\lambda_{\text{max}}$ ) of the coloring agent,

(5) drawing a calibration curve by plotting the values of the transmission at  $\lambda_{\text{max}}$  as a function of the concentration of the coloring agent,

(6) selecting, from the calibration curve thus obtained, a concentration of the coloring agent corresponding to a transmission at  $\lambda_{\text{max}}$  ranging from 20% to 80%, and

(7) incorporating the at least one coloring agent from the at least one series, at the concentration selected in step (6), in a cosmetic base in the liquid state and identical to or different from that used in step (1).

18. The process according to claim 17, wherein, in step (6), the concentration of the coloring agent corresponding to a transmission at  $\lambda_{\max}$  ranging from 25% to 80% is selected from the calibration curve.

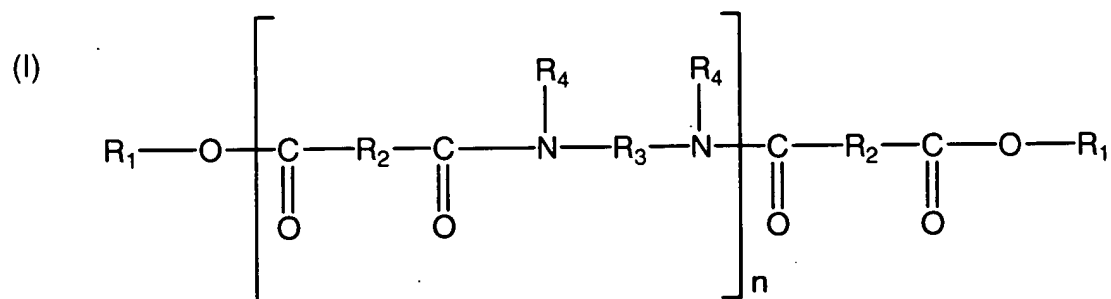
19. The process according to claim 17, wherein the cosmetically acceptable base is a substantially colorless base.

20. The process according to claim 17, wherein the cosmetically acceptable base is chosen from aqueous gels and oily gels.

21. The process according to claim 20, wherein the gel is in stick form.

22. The process according to claim 17, wherein the cosmetically acceptable base is an anhydrous gel formed from a fatty phase which is liquid at ambient temperature comprising an oil chosen from polar oils and nonpolar oils, wherein the fatty phase is structured by a gelling agent for fatty phases which is chosen from at least one of hydrophobic pyrogenic silicas, gelling polyamides, and hydrophobic galactomannans.

23. The process according to claim 22, wherein the gelling polyamide corresponds to the formula (I):



in which n represents a whole number such that the number of ester groups ranges from 10% to 50% of the total number of the ester and amide groups;

R<sub>1</sub>, which may be identical or different, represents a group chosen from alkyls having at least 4 carbon atoms and alkenyls having at least 4 carbon atoms;

R<sub>2</sub>, which may be identical or different, represents a C<sub>4</sub> to C<sub>42</sub> hydrocarbonaceous group, provided that 50% of the R<sub>2</sub> groups represent a C<sub>30</sub> to C<sub>42</sub> hydrocarbonaceous group;

R<sub>3</sub>, which may be identical or different, represents an organic group having at least 2 carbon atoms, hydrogen atoms, and optionally at least one atom chosen from oxygen atoms and nitrogen atoms; and

R<sub>4</sub>, which may be identical or different, represents a group chosen from hydrogen atoms, C<sub>1</sub> to C<sub>10</sub> alkyls, optionally directly bonded to R<sub>3</sub> or to another R<sub>4</sub>, so that the nitrogen atom to which both R<sub>3</sub> and R<sub>4</sub> are bonded forms part of a heterocyclic structure defined by R<sub>4</sub>-N-R<sub>3</sub>, with at least 50% of the R<sub>4</sub> groups representing a hydrogen atom.



24. The process according to claim 23, wherein each  $R_1$ , which may be identical or different, is chosen from alkyls having 4 to 24 carbon atoms and alkenyls having 4 to 24 carbon atoms.

25. The process according to claim 22, wherein the modified clay is a hectorite modified by a  $C_{12}$ - $C_{22}$  fatty acid ammonium chloride.

26. The process according to claim 17, wherein the coloring agent is chosen from at least one of water-soluble dyes, fat soluble dyes, pigments, pearlescence agents, and lakes.

27. The process according to claim 26, wherein the water-soluble dye is chosen from at least one of extracts of sorghum, *Pterocarpus soyauxii*, *Monascus*, *Lawsonia inermis*, *Mercurialis perenis*, *Helianthus aanus*, *Impatiens balsamina*, *Curcuma longa*, *Phytolacca decandra*, *Solidago aureus*, *Juglans regia*, *Iris germanica*, *Alkanna tinctoria*, *Chrozophoro tinctoria*, and *Isatis tinctoria*.

28. The process according to claim 26, wherein the fat-soluble dye is chosen from at least one of Sudan red III, lutein, quinizarin green, alizural purple SS, carotenoid derivatives, annatto derivatives, and fuchsin derivatives.

29. The process according to claim 28, wherein the carotenoid derivative is chosen from lycopene,  $\beta$ -carotene, bixin, and capsantein.

30. The process according to claim 26, wherein the pigment is chosen from at least one of white inorganic pigments, colored inorganic pigments, white coated inorganic pigments, white organic pigments, colored coated inorganic pigments, and colored organic pigments.

31. (Cancelled)

32. The process according to claim 26, wherein the pearlescence agent is chosen from mica covered with at least one of titanium oxide and bismuth oxychloride and titanium oxide-coated mica covered with at least one of iron oxide, ferric blue, chromium oxide, and precipitated organic pigments.

33. The process according to claim 26, wherein the lake is chosen from at least one of lakes based on cochineal carmine, lakes based on at least one of calcium salts, barium salts, aluminum salts, strontium salts, and zirconium salts, and lakes based on acid dyes.

34. The process according to claim 17, wherein the process comprises, between steps (3) and (4), an additional step comprising leveling the excess of the sample so as to obtain a layer with a homogenous thickness of 10  $\mu\text{m}$ .

35. The process according to claim 17, wherein the transparent slide is a quartz slide.

36. A colored make-up cosmetic composition with controlled transmission prepared according to a process comprising the following successive steps:

(1) selecting a cosmetically acceptable base having at least one of bulk opaqueness, translucency and transparency,

(2) preparing at least one series of samples of the cosmetic base, each series comprising increasing amounts of a coloring agent dissolved or dispersed in the cosmetically acceptable base,

(3) spreading each of the samples of the at least one series over a transparent slide having a recess with a depth of 10  $\mu\text{m}$ ,

(4) measuring, for each of the samples of the at least one series, the transmission of the layer thus formed at a wavelength corresponding to the maximum of the absorption or scattering peak ( $\lambda_{\text{max}}$ ) of the coloring agent,

(5) drawing a calibration curve by plotting the values of the transmission at  $\lambda_{\text{max}}$  as a function of the concentration of the coloring agent,

(6) selecting, from the calibration curve thus obtained, a concentration of the coloring agent corresponding to a transmission at  $\lambda_{\text{max}}$  ranging from 20% to 80%, and

(7) incorporating at least one second coloring agent from the at least one series, at the concentration selected in step (6), in a second cosmetic base in a liquid state identical to or different from that used in step (1).

37. The process according to claim 30, wherein the pigment is chosen from at least one of titanium dioxide, zirconium dioxide, cerium dioxide, zinc oxide, iron oxide, chromium oxide, ferric blue, chromium hydrate, carbon black, ultramarines, manganese violet, manganese pyrophosphate, and metal powders.

38. The process according to claim 31, wherein the metal powder is chosen from silver powders and aluminum powders.